HEMIST and DRUGGIST MAY 16, 1942

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

lished 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3249
CXXXVII MAY 16, 1942 Annual Subscription (with Diary) 25/-. Single Copies 9d.

INTERESTING EVENTS IN PHARMACY No. 13

CHARLES LEDGER

MAY 1818—1906

At a time when the Dutch East Indies and supplies of Quinine are in the news it is appropriate to remember the anniversary of this Englishman who was largely responsible for the commercial development of cheap Quinine

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED. LONDON. E.6

RED BRAND DIAMOND

subscribe to the sentiment that a more enlightened era will better reward the pioneers than was the case with Ledger

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Euthymol

TOOTH PASTE

A SOUND LINE

- NO REDUCTION IN PRICE
- NO REDUCTION IN PROFIT
- NO SMALL SIZES
- ALWAYS ON THE P.A.T.A.

PARKE, DAVIS & CO., LONDON, W.1

Milton Bulletin No. 3

MORE MILTON DENTURE POWDER IN JULY

BUT PLEASE ORDER NOW!

For the second rationing period (July to October 1942, inclusive) the following supplies are available :—

To chemists ordering £2 Milton Mixed Bonus Parcels

1 doz. 1/3d. size and
½ doz. 2/2d. or
2 doz. 1/3d. size.

To chemists ordering £5 Milton Mixed Bonus Parcels

2 doz. 1/3d. size and
1 doz. 2/2d. or
4 doz. 1/3d. size.

(The 7½d. size is discontinued.)

Chemists whose stocks of other Milton products are adequate may order Milton Denture Powder alone, the smaller quantity if £2 parcels have been purchased hitherto—the larger quantity if £5 parcels have been purchased in the past. In such cases no advertising allowance (for Milton Antiseptic Display) is payable and carriage is charged.

Price List Order Cards will be sent on request but all orders for this rationing period should be received not later than June 6th. As all orders are executed in strict rotation it is advisable to order as early as possible. Orders should be marked M.D.P. ration and addressed to :—

Milton Proprietary Ltd., Chapel Lane, Sands, High Wycombe, Bucks

IMPORTANT—*Milton Case Return Scheme with Credits.* Look at your Milton Products fibre board cases for particulars of credits allowed for the return of these cases in good condition with nestings, if any. See also instructions for simple method of return. It will pay you to return them, help to ensure continuity of supplies and economise in paper in the National Interest. Thank you !

PHARMACY AND MEDICINES ACT, 1941

Important Notice

to Pharmacists about

T.C.P *Regd.*

PREPARATIONS

All supplies of the following preparations now being sent out from our Works, bear new labels made out in accordance with the provisions of the Pharmacy and Medicines Act, 1941 :—

T.C.P.
T.C.P. Ointments.
T.C.P. Bronchial Antidote.
T.C.P. B_3 Colloidal Emulsion.

The remaining T.C.P. preparations are not affected by the Act.

Pharmacists are asked to give special attention just now to the correct rotation of their stocks of the above lines, so that old stock is sold first. This should ensure that goods bearing the old labels will be cleared prior to the 1st July, 1942.

British Alkaloids Ltd., 69 Old Broad St., London, E.C.2

THE

IOLOGICAL EVANS INSTITUTE

VANS SONS LESCHER & WEBB LTD

E.T.41

INTERNATIONAL CHEM. CO. LD.

WE regret that, owing to the increasing difficulty of transport, labour and packing materials, we can now *only* supply our main well-known pharmaceuticals in the standardised parcels below. At the same time we are also compelled to make £5 the minimum direct order that we can accept for the time being. This amount can be made up with "A" parcel alone or any two of the other combinations. We feel sure that we can count on the co-operation of our chemist friends in accepting this regrettable war-time necessity.

STANDARD PARCELS

A

1 doz.	1/5 Bismag Powder	12	0
2 ,,	1/5 ,, Tablets	1 4	0
2 ,,	7d. ,, ,,	9	8
1 ,,	2/10 ,, ,,	1 4	0
1 ,,	1/9 Pineate Honey Cough-Syrup	13	9
1 ,,	2/3 Limestone Phosphate	18	0
1 ,,	1/5 Freezone Corn Remover	11	3
		£5 12	8

B

1 doz.	1/5 Bismag Powder	12	0
1 ,,	1/5 ,, Tablets	12	0
3 ,,	7d. ,, ,,	14	6
½ ,,	2/10 ,, ,,	12	0
		50	6

C

1 doz.	1/5 Bismag Powder	12	0
2 ,,	1/5 ,, Tablets	24	0
3 ,,	7d. ,, ,,	14	6
		50	6

D

1 doz.	1/5 Bismag Powder	12	0
2 ,,	1/5 ,, Tablets	24	0
1 ,,	2/10 ,, ,,	24	0
		60	0

E

1 doz.	1/5 Bismag Powder	12	0
½ ,,	2/10 ,, ,,	12	0
2 ,,	1/5 ,, Tablets	24	0
½ ,,	2/10 ,, ,,	12	0
		60	0

F

2 doz.	1/5 Bismag Tablets	24	0
3 ,,	7d. ,, ,,	14	6
½ ,,	2/10 ,, ,,	12	0
		50	6

H

4 doz.	1/9 Pineate Honey Cough-Syrup	55	0

J

2 doz.	1/5 Freezone Corn Remover	22	6
1 ,,	2/3 Limestone Phosphate.	18	0
1 ,,	1/9 Pineate Honey Cough-Syrup	13	9
		54	3

K

3 doz.	1/9 Pineate Honey Cough-Syrup	41	3
1 ,,	1/5 Freezone Corn Remover	11	3
		52	6

L

1 doz.	1/5 Bismag Powder	12	0
½ ,,	2/10 ,, ,,	12	0
1 ,,	1/5 ,, Tablets	12	0
2 ,,	7d. ,, ,,	9	8
½ ,,	2/10 ,, ,,	12	0
		57	8

M

6 doz. 1/5 Freezone Corn Remover . . 67 6

BONUS: Bisurated Magnesia parcels will contain appropriate bonus in Mint Powder and 7d. Tablets

TERMS: As well as "A" Parcel or any two of the Parcels "B" to "M" a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin, may be added to the order. Toilet lines may also be included to the value of your quota. Our co-operation allowances are as follows:—

On orders of £5 . . . . 7½% £10 . . . . 10%

BRAYDON ROAD LONDON N16

FOR INSOMNIA

(A Safe, Soluble Hypnotic)

MEDINAL owes its undoubted advantage to ready solubility in water; hence it is easily absorbed and speedily excreted. Thus its effect is prompt, and elimination is complete. Sleep comes easily and the patient awakes fresh and alert. MEDINAL acts solely on the central nervous system and does not affect the cardiovascular, renal, alimentary or respiratory systems. It can therefore be safely used either orally or rectally for insomnia from *any* cause.

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BRITISH SCHERING LIMITED,
185-190, HIGH HOLBORN, LONDON, W.C.1

ASSOCIATED COMPANIES: *British Schering Research Laboratories Ltd., Alderley Edge, Cheshire. British Schering Manufacturing Laboratories Ltd., Pendleton, Lancs.*

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BRITISH MADE

The "MODERN" TEAT

ANTI-COLIC ODOURLESS · TASTELESS · HYGIENIC

Here is a Teat embodying all the selling points the ideal teat should have!

NEAREST TO NATURAL FEEDING

- **Collar ensures firm grip on bottle—cannot be pulled off by the baby.**
- **Ball Top—one hole perforation ensuring steady flow.**
- **Buffer Shoulder protects the baby's mouth.**
- **Tab enables teat to be slipped over bottle instantly with minimum handling.**

In addition . . . the 'Modern' Teat has been designed to meet the needs of both mother and baby—and, what is vitally important these days, the teats last longer. Each teat is packed in cardboard shell completely enveloped in cellophane and each one is tested and passed as perfect before it leaves the factory.

ainable from your usual wholesaler. Manufactured by

HE CANNON RUBBER MANUFACTURERS LTD LONDON, N.17

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WE ARE MAKING A REQUEST

to your customers

In our current national advertising campaign to users of 'Serocalcin,' we are explaining the reason for a possible shortage of supplies. We are pointing out that the number of people on war work who are being given the 'Serocalcin' treatment this winter, runs to thousands. Schools, hospitals and export trade are also demanding extra supplies of 'Serocalcin.'

On top of this increased demand, production is restricted by the acute shortage of packaging material. As you know, 'Serocalcin' is hygroscopic an must be hermetically sealed. It is mo difficult to get new packs of this type.

Some of your customers have alread responded to our request to return empt phials, caps and cartons. Could yo kindly encourage more of them to d so? Thus, although the problem supplies will not be entirely solved, will be eased to our mutual benefit. W will gladly pay postage on all packs yo can return to us.

SEROCALCIN PREVENTS COLDS

HARWOODS LABORATORIES LTD., RICKMANSWORTH ROAD, WATFORD, HERT

Sovereign Remedies

Outstanding efficacy is the sole assurance of satisfactory sales. This unquestionable truth is seen in the unrelenting demand for Veno, Eno and Thermogene Products. The public estimate of these sovereign remedies is unassailable. So—show them! Carry ample stocks! Order ahead! Protect yourself against delay in deliveries and sudden demands due to circumstances beyond our control. And if you need display material kindly write at once to the

VENO DRUG CO. LTD.

CHESTER ROAD, MANCHESTER 16

COX of BRIGHTON

over
100 Years
of
progressive & sustained
SERVICE

Pills and Tablets
manufactured under the control
of
Qualified Chemists

Arthur H. COX & Co. Ltd.
MANUFACTURING CHEMISTS
BRIGHTON
• established over a century

Whether in peace or war the popularity of MEGGESON Bismuth Dyspepsia Tablets increases steadily.

This product can be sold in full confidence of its efficacy. No extravagant claims are made, but the number of satisfied and appreciative consumers grows from day to day.

In spite of difficulties resulting from shortages of ingredients, packing materials and skilled labour, the House of MEGGESON has maintained supplies of this popular pharmaceutical line even though it has meant a reduction in the number of other and less important lines.

MEGGESON Bismuth Dyspepsia Tablets, in common with all other MEGGESON packed lines, are on the C.F. List and the rate of profit has been fully maintained.

Do not miss the opportunity offered by present circumstances to establish a rapid and permanent demand for this line.

IMPORTANT NOTICE

Carton Recovery

We are now unable to procure adequate supplies of the individual cartons in which the bottles of MEGGESON Bismuth Dyspepsia Tablets are packed, and they are necessary to ensure the safe transit of the bottles. You can help us to help you, however, by saving these cartons.

Please, therefore, remove the cartons on receipt of your stocks and return them to us by post, when we shall be glad to refund postage, or hand them to our representative when he calls.

Care should be taken not to expose the uncartoned bottles to sunlight.

The cartons should be kept clean, as it may not be possible to replace those which are damaged and unfit for re-use.

Your co-operation is earnestly requested in the interests of National Economy and so that you may receive further supplies without undue breakage in transit.

MEGGESON BISMUTH DYSPEPSIA TABLETS

Retail at 1/6 and 3/10 including Purchase Tax

MEGGESON & CO. LTD., LLEWELLYN STREET, LONDON, S.E.16

Tek TERMS

From MAY 1st 1942, prices of Tek Standard Bristle and Nylon toothbrushes are:

To the Public

2/- each

Plus **5d.** Purchase Tax

To the Retailer

14/6 doz. net

Plus **5s.** per doz. Purchase Tax

There will be no bonuses and no quantity terms

★

ISSUED BY

JOHNSON & JOHNSON (Gt. Britain) LTD.

Slough and Gargrave

ORDER DIRECT OR FROM

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LONDON: Brooks & Warburton, Ltd. May, Roberts & Co., Ltd. Butler & Crispe.
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THE TOWN TALK POLISH CO., MANCHESTER, 10

Latex Transparent Feeding Teats and Valves

Every Teat perforated and packed in Cellophane bag. Display boxes of 6 dozen. Guaranteed Shelfproof for 3 years in any climate.

TEATS **24/-** per gross. VALVES **19/-** per gross.

2½% for cash. Carriage paid. Delivery prompt.

New Accounts Cash with Order

IMEXTRADE LTD., Rubber Dept., Chesham House 150 Regent Street. LONDON, W.1

SELL SATISFACTION! SAVE STEEL!

The basis of the Multishave is the smoothest, fastest cutting, most efficient abrasive obtainable. Retail, 1/6 each. **8/-** per dozen, plus **5/4** tax. Packed 3 dozen per carton. Smart showcards with each order.

MULTISHAVE SAFETY RAZOR BLADE SHARPENER

MULTISHAVE LIMITED FORTESS GROVE N.W.5 Telephone GULliver 146

short hair EASES shampoo shortage.

FOR months our advertising has emphasised the necessity for keeping the hair clean; the Ministry of Health is also emphasising the same point, and as cleansing shampoos are exempt from increased taxation, it is obvious the Government realises their value from the viewpoint of hygiene.

Experts are recommending shorter hair styles; nevertheless, cleanliness is still of primary importance. The trouble of course would not have been so serious but for the enforced shortage of shampoos, a situation which will be eased by the coming of shorter hair styles.

There can be no doubt that sooner or later "Shorter Hair" will become universal among women, particularly those in the Services or doing War tasks; this, to all intents and purposes, would have the effect of increasing shampoo supplies, and all that Chemists can then do to further the cause of cleanliness and hair hygiene is to see that these supplies have the widest distribution.

With short hair, half a packet of Evan Williams Shampoo is sufficient, so that if every woman secured one packet fortnightly she could still have the weekly shampoo that is so essential.

One sale per customer should be the rule, and your co-operation in this matter is one for which women will be grateful.

Evan Williams

SHAMPOO—*Goes twice as far!*

If you have not had your quota of supplies for current period (based on your direct purchases in standard period), write to Evan Williams Co., Ltd.

ALES DEPT: 33-35 HIGH STREET, ACTON, LONDON, W.3

GUARANTEED FOR THREE YEARS IN ANY CLIMATE

Can be boiled repeatedly without deterioration. Packed in separate transparent envelopes in attractive display boxes.

Awarded the Certificate of the Royal Institute of Public Health and Hygiene.

LEWIS WOOLF LTD.
144 OAKFIELD ROAD
SELLY OAK
BIRMINGHAM, 29

Grip-tight
TRANSPARENT LATEX
FEEDTEATS

THE
"MATER"
CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 99.4

ALL TYPES OF
CLINICAL
AND OTHER
THERMOMETERS

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Price List on Application:
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Telegrams: "Optimus, Smith, London"

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RELIABLE
ELASTIC HOSIERY
SEAMED AND SEAMLESS

For special garments to measure we give the best possible service

SURGICAL BELTS
TRUSSES AND SUNDRIES

50 years' service of everything Surgical

SURGICAL HOSIERY CO. LTD.
Russell Street - NOTTINGHAM
Telephone No.75903 Telegrams: Surgical Nottm.

FIGHTING FATIGUE

★ *Diagrams are appearing on the walls of war factories showing workers how to stand correctly at their machines.*

★ *Classes have been started to teach girl workers correct poise.*

★ *The British Boot and Shoe and Allied Trades Research Association is designing occupational shoes for miners, steel workers, waitresses etc.*

★ *Many factories are now offering chiropodial service.*

In fact there is an all-round awakening to the needless fatigue, mental distraction and lost time caused by defective feet.

Seize this golden opportunity for featuring Scholl Foot Aids and Appliances! The public—hard-worked and hard-walked—and debarred from buying so many articles it is accustomed to buy from you—takes readily to the thought of relief for its much-strained feet. Furthermore, Scholl advertising, by concentrating on the vital need for more foot care, is creating an ever-growing number of regular Scholl users who constantly need renewals and replacements.

Capture this custom. Add a ready-selling line to your business. Help to keep the nation on its feet.

Scholl's have already a big name . . . a reputation proved by the release of materials to us on the advice of the Medical Board. Write or call quickly. Let us go into your requirements. You'll find us most ready to help in every way.

Scholl Manufacturing Co. Ltd., 182-204 St. John St., London, E.C.1

Announcement *re* Elastoplast

We are advertising to correct a mistaken impression. It is thought in some areas that "Elastoplast" has almost "gone off the market." Unequal distribution and inflated demand are to blame.

We and the wholesale trade are doing all we can to balance distribution, but anomalies are sure to occur. If you persistently fail to obtain NORMAL requirements please tell us and we will help if we can.

MADE IN ENGLAND BY T. J. SMITH & NEPHEW LTD., NEPTUNE ST., HULL

ISAAC WEBSTER & SONS, LTD.
ABBEY WORKS, KIRKSTALL, LEEDS, 5
Telephone: 51580 Headingley. Telegrams: Isaac Webster, Kirkstall.

TRANSPARENT

BY TEST THE BEST
IN WALLETS OF THREE 30/- PER GROSS
JULIAN GROSSE
TENANT HOUSE, 50 GT. PORTLAND ST.
LONDON, W.1 *Phone: Museum 0060*

SUPER QUALITY
Absorbent Cotton Wools
AND
COTTON WADDINGS
Samples and Particulars from
THE IMPERIAL PATENT WADDING CO LTD.
Dept. B. 16, TARIFF ST., MANCHESTER *Phone* CENtral 1768

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS

Richard Daniel & Son Ltd. Derby

SINCE 1860

Also... AMPOULES · EMULSIONS · EXTRACTS
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PRORIETARY AND OWN FORMULA PILLS AND TABLETS

We invite enquiries from Wholesalers and Exporters for all classes of Pharmaceutical Preparations in bulk or packed

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SPECIALISTS IN B.P. POWDER

Also Technical and Industrial qualities. All Grades of Whole Flakes as imported. Samples and prices on request.

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TAMPAX

REGD TRADE MARK

Sanitary Protection WORN INTERNALLY

Sole Distributors: Splendor Ltd., 5 Beastmarket Hill, Nottingham, for Tampax Ltd., Belvue Road, Northolt, Middlesex

Makers of **COMPRESSED TABLETS**

for the Manufacturing and Wholesale Trade only

The DALES ASPIRIN COMPANY (PROPRIETOR H. A. TOLKIEN)

Output of Saccharin and Aspirin Tablets sold for some months ahead

SILSDEN, Nr. KEIGHLEY, Yorks.

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Specialists in the Design & Printing of Medical & Toilet Labels — Send for Free Sample Ranges

CARILLON PRESS Ltd BOURNEMOUTH

Artists in the Production of Fine Labels

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OF
ANIMAL ORIGIN

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ARMOUR'S FLAVOURED JUNKET
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A FULL RANGE OF GLANDULAR PRODUCTS PREPARED FROM *FRESH* WARM GLANDS SUPPLIED IN AMPOULES, TABLETS, LIQUIDS AND CAPSULES
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(ARMOUR AND COMPANY LTD.)
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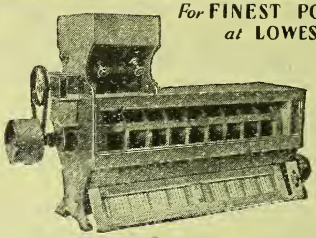
For FINEST POWDERS *at* LOWEST COST

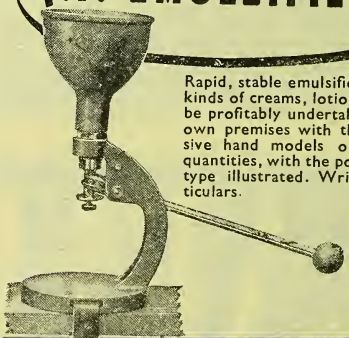


All enquiries to
Wm. GARDNER & Sons (Gloucester) Ltd.
Bristol Road
GLOUCESTER, Eng.
Telephone:
Gloucester 2288 (3 lines)

GARDNER'S
Patent "QUICK-CHANGE"
fine
POWDER DRESSER

Here's an easy way with your Emulsification

Q.P. EMULSIFIERS



Rapid, stable emulsification of all kinds of creams, lotions, etc., can be profitably undertaken on your own premises with the inexpensive hand models or, in large quantities, with the power-driven type illustrated. Write for particulars.

ORMEROD ENGINEERS LTD.
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RD E.4

Extracts

TINCTURES · RESINOIDS
OLEO RESINS · MEDICINAL RESINS

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Prepared from herb grown on our own farm

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AND SON LTD.

MANUFACTURING CHEMISTS, HITCHIN, Hertfordshire

ESTABLISHED 1846

BUSH

BENZALDEHYDE

ACID BENZOIC

SODIUM BENZOATE B.P.

BENZYL ALCOHOL B.E.S.A.

BENZYL BENZOATE

Manufactured by

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ASH GROVE, HACKNEY, LONDON E.8

Phone: CLissold 0461 (5 Lines) *'Grams: 'Tangerine, London'*

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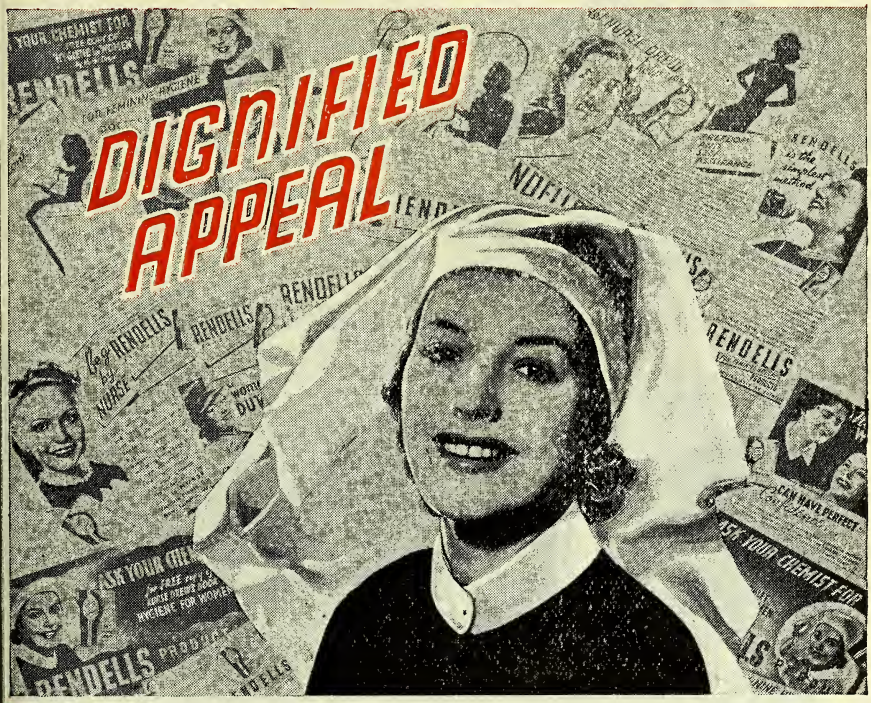
MELBOURNE, SYDNEY (N.S.W.), BRISBANE, ADELAIDE, PERTH, AUCKLAND (NEW ZEALAND), JOHANNESBURG, NEW YORK, NATIONAL CITY (CALIFORNIA) LINDEN (NEW JERSEY), MONTREAL, TORONTO, WINNIPEG, VANCOUVER.



THE high standard of advertising which characterises Rendells Products is in keeping with their excellence of manufacture. The pharmacist who displays Rendells Products increases prestige and turnover alike. Keep ample stocks of Nurse Drew's Booklet, "Hygiene for Women," which thousands of women are demanding daily.

Rendells

PRODUCTS

FOR FEMININE HYGIENE

2

W·J·RENDELL LTD·HARDWICK HOUSE·161-5 ROSEBERY AVENUE·LONDON E.C.1

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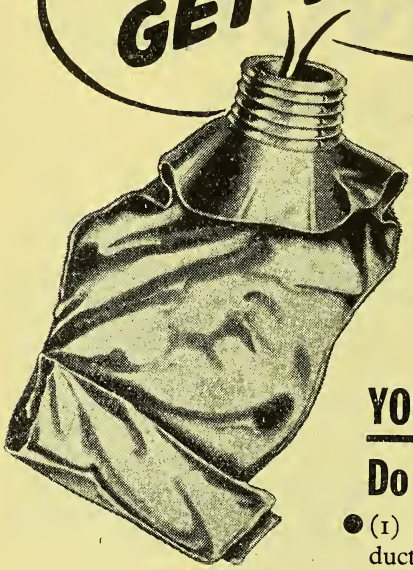

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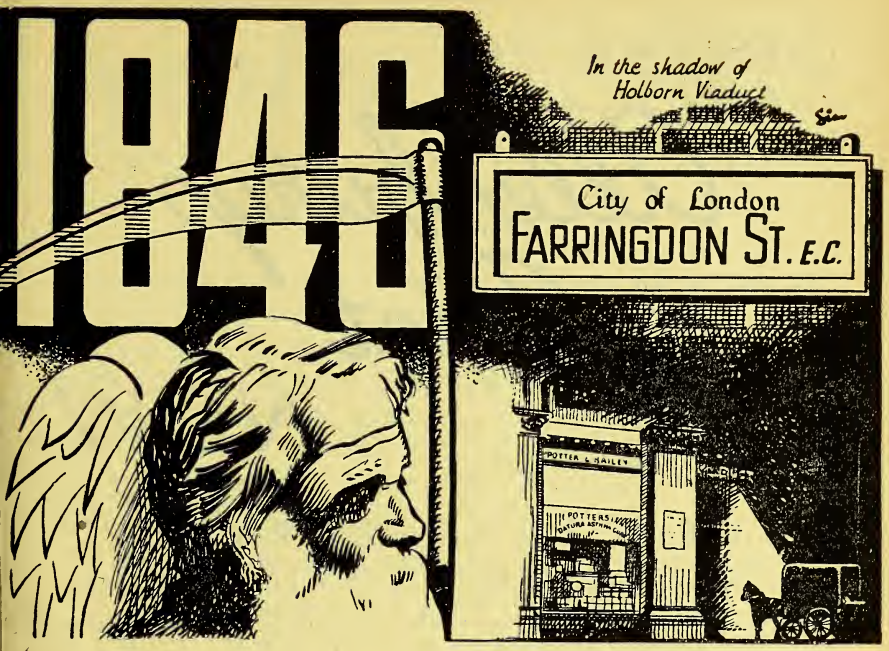

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The new prices, effective from May 1st, are:—

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To enable us to replenish stocks we have had to cease accepting orders between May 1st and 16th. Supplies will again be available on May 18th.

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NEWS OF THE WEEK

etail Deliveries.—The Minister of Food decided to make forthwith an Order er the Defence Regulations enabling to give statutory force to any local eme approved by him to secure economy ransport, fuel, and man-power through rationalisation of retail deliveries. The er will be applied by direction as and n required.

ritish Standards Institution.—The Institon has received a communication from Minister of Production to the effect that Government recognises the British ndards Institution as the sole organisa- for the issue, in consultation with any ernment, professional or industrial ies concerned, of standards having a onal application. In regard to the paration and issue of codes of practice building and civil engineering work the ister of Works and Buildings is making ial arrangements by the appointment representative committee with which Institution is fully co-operating.

Live Abortus Vaccines. — The Milk (Special Designations) Regulations (S.R. & O. 771, H.M. Stationery Office, price 1d.) recently made by the Ministry of Health, and which come into force on June 1, has the effect of modifying the present prohibition on the use of live abortus vaccines, so as to permit animals belonging to herds to be vaccinated with these vaccines, subject to the approval of the Minister of Agriculture, and with vaccines approved by him.

Employment of Women.—The Minister of Labour and National Service has issued an Amending Order to the Employment of Women (Control of Engagement) Order, which came into force on May 4, the principal amendment being the extension of the scope of the Order to include women of eighteen and nineteen years of age. Girls of these ages will thus, in general, be required to obtain their employment through a local office of the Ministry of Labour and employers will only be able to engage them through a local office.

Export Licensing.—Under the Export of Goods (Control) (No. 22) Order (S.R. & O. 783), which comes into force on May 19, licences will in future be required to export goods of every description to Spain (including the Canary Islands and the Spanish zone of Morocco), Portugal (including Madeira, the Azores and the Cape Verde Islands), Turkey (including the Hatay), Iraq, Tangier zone, Liberia, Portuguese Guinea, Andorra, Rio de Oro, and to any port or destination in the Union of Soviet Socialist Republics. Under this Order, all destinations classified "C" will be transferred to the list of destinations to which the export of all goods is controlled, and all items in the Schedule of controlled goods against which the letter "C" appears should accordingly be deleted.

Preston C.F. Resolution.—Preston Branch of the National Pharmaceutical Union, on April 21, was addressed by Mr. H. Steinman, Manchester (a member of the N.P.U. executive). Mr. Steinman enumerated the helpful activities of the N.P.U. before concentrating on the principal subject of the meeting: The Chemists' Friends scheme. He stated that 60 to 70 per cent. of the total sales of proprietary medicines was through the 15,000 chemists in business. After a long discussion the following resolution was passed: "That this Branch is in favour of the new C.F. agreement and will use all means to get full support for it in the area."

National Service.—The Central Pharmaceutical War Committee is making the strongest representations to the Ministry of Health with a view to the Ministry of Labour giving a decision on the following matters: (1) Recommendation of the Central Pharmaceutical War Committee as the authority to give permission to women pharmacists and women dispensers between the ages of eighteen and thirty-one to change their employment; (2) reservation of "drug women" who are registered under the National Service Acts; (3) compulsory census of all staffs of retail establishments. The Committee have now had all the recommendations from district committees and in about 90 per cent. of the cases have adopted the recommendations, subject to approval of the men concerned. In considering the cases of men in wholesale houses, the Ministry of Labour has asked whether pharmacists engaged on office work can properly be classified as pharmacists. The Committee is seeking to establish with the Ministry of Labour the principle that a pharmacist is still "occupied" as a pharmacist so long as he is dealing with drugs, even if he is dealing with them only "on paper."

Birkenhead Vote on Central Dispensary.—Birkenhead and Wirral Pharmacists' Assoc- tion is taking a plebiscite of members on a proposal, outlined in a recent issue of the *C. & D.*, to establish a central dispensary to function on Thursday evenings and Sundays.

British Association of Chemists.—At a meeting in Newcastle of members of the British Association of Chemists it was decided to form a provincial North-eastern section. Mr. J. H. Robson (managing director, John H. Robson & Co., Newburn) was elected chairman and Mr. J. Keaton Benton, secretary.

Manchester Junior Officers.—At a meeting of the executive of the Junior Branch of the Manchester Pharmaceutical Association held on May 7, the following officers were elected. *Chairman*, Mr. J. A. Hesketh Ph.C.; *Vice-chairman*, Mr. T. B. Chadwick *Treasurer*, Miss Morrison; *Secretary*, Mr J. Tomlinson, 73 Upper Charlton Road Manchester.

Inquest.—"Death from misadventure" was the verdict of the Ashton-under-Lyne coroner at the inquest on a boy aged three years who died after drinking oil of winter green from a bottle he found in a neighbour's house. The coroner said that although this is not a scheduled poison, the maximum medicinal dose is only a small one, about five drops. He said the boy must have drunk about one ounce of the oil (methyl salicylate) and there had been reported cases of one ounce proving fatal to adults.

Proposed Memorial.—In response to widespread desire it has been decided to raise a fund to provide a memorial to the late Alderman H. S. Durbin, Ph.C., Surbiton. Alderman Durbin was for many years a member of Surbiton Council, was Charter Mayor of the Borough and a keen Rotarian. During his thirty-seven years of business in Surbiton he held many offices in Surbiton Hill Methodist Church, in which it is suggested that a stained glass window in his memory should be provided.

C.F. Resolution at Portsmouth.—Mr R. H. Kemp, Ph.C. (secretary to the Chemists' Friends' Association, addressed a representative meeting of chemists in Portsmouth on May 6 on "The Birthright of Pharmacy." He outlined the working of the C.F. scheme and emphasised that

esides producing present benefits, the ovement meant building up a valuable odwill for the future. The following solution was afterwards unanimously dopted by the meeting: "That this eeting of chemists of Portsmouth and strict, having heard Mr. Kemp's explanaon of the present position of the C.F. heme, desires to place on record its preciation of the efforts made on behalf chemists by the C.F. Association, and edges itself to support the scheme."

Officers Re-elected.—The following officers ere re-elected at the annual meeting of the orth Staffordshire Branch of the Pharmautical Society, held on April 29:—*resident*, Mr. T. G. Lawley; *Secretary*, r. R. A. Hackney, 21 Parliament Row, anley; *Treasurer*, Mr. S. J. Mott. The esident, in his report, congratulated Mr. J. Mason on his becoming a justice of e peace for the City of Stoke-on-Trent. e would like to see a record kept of all embers serving in the forces, and gifts nt to them occasionally. He thanked . H. C. Shaw (a member of Council) for s help in addressing meetings during the st session.

North London Annual Meeting.—The thirth annual meeting of the North London armaceutical Association and Branches the Pharmaceutical Society and National armaceutical Union was held on May 6. e chairman (Mr. L. Hayward) reviewed e work of the past session. A telegram s sent to the secretary of the Pharmatical Society (Mr. H. N. Linstead) shing him success in his parliamentary election at Putney. The officers elected re Messrs. L. Hayward, *President and airman*; T. C. N. Booth, *Vice-chairman*; C. Brooks, *Treasurer*; A. E. Footitt, Hill Rise, Potters Bar, *Secretary*. New nmittee members were Messrs. F. M. kson and G. E. Dickinson. Mr. H. M. st (a member of the Society's Council) n gave an address on "Post-war constructions in Retail Pharmacy." Mr. st limited his references to five weakses set out in Part 2 of the report of the nmittee of Inquiry. The first, the low nover of the majority of independent inesses, could, he said, be attributed nly to too many small proprietors ning branch shops and thereby taking iness away from one another. Some n of control in the opening of businesses harmacy was the only way to overcome difficulty. The same reasons had an ct upon the falling rate of profit. In order that chemists could assess their businesses correctly when taking stock, particularly in the war years, Mr. Hirst suggested that they should show quite clearly how much of the takings was covered by purchase tax. Mr. Hirst suggested the small proportion of dispensing and the extent of non-pharmaceutical business was exaggerated somewhat by some chemists stocking non-pharmaceutical lines. He further stressed the greater need for chemists in business to have more actual business knowledge. The inadequate remuneration of employed pharmacists was a problem less acute than formerly, as the many assistants employed by the combines, including the co-operative societies, had in effect gained a stronger position, as it would be extremely difficult for the employers to carry on should their assistants join together in a demand for increased wages.

Nicotine Poisoning.—At an inquest in Richhill, co. Armagh, recently, on Gerald O'Neill (aged fourteen), it was stated that he was engaged with others in spraying strawberry plants on the day before his death and it was his duty to take nicotine from a one-gallon tin and put it into the sprayer. O'Neill told a companion he had spilled some of the nicotine on a leg of his trousers. Ten minutes later the boy said his head was very light and he thought he would go home. At the time of the incident the weather was very warm, and the tin of nicotine was in the open. Medical evidence stated death was caused by nicotine poisoning. An open verdict was recorded.

Mayo Pharmaceutical Association.—The quarterly meeting of the Mayo Pharmaceutical Association was held on April 23, the president (Mr. G. C. Hewson) in the chair. A vote of sympathy with Mr. Stack, Westport (on account of a recent accident) proposed by Mr. W. J. Adamson and seconded by Mr. J. J. Cahill, was passed unanimously. Discussion took place on the work of provincial organisation, and it was decided to postpone meetings with this object until transport facilities became more favourable. It was felt that valuable preliminary work had been done, and it was hoped that chemists in Roscommon and Leitrim would carry on the work of organisation in their own areas. A request by the secretary that each town should appoint its own secretary to deal with correspondence, and thus lighten secretarial work, was acceded to, and Messrs. A. O'Malley and C. Doherty were appointed honorary secretaries in Castlebar and Westport.

LEGAL REPORTS

Vitatone.—At Wolverhampton, recently, Edwin Blakemore & Sons, Worcester Street, were summoned under the Food and Drugs Act for having sold an article "Vitatone" the label of which falsely described it or was calculated to mislead. Mr. A. Morgan, who prosecuted, said that two bottles of the non-alcoholic tonic which appeared from the label to be "a complete panacea" were found to be 99·6 per cent. tap water.

Mr. Morgan said it was not suggested that defendants had purposely endeavoured to foist the article on the public, but that they took no steps to see that the tonic was what it claimed to be.

The tonic was described as a nerve and body builder, and a restorative for various ailments. A dose of half a wine-glass once a day was prescribed. Mr. F. G. D. Chalmers, the borough analyst, said he found that the preparation contained a less quantity of mineral salts than many drinking waters. For the defence, it was stated that the firm could not be expected to do more than it had done. They retailed the tonic in good faith.

The Stipendiary (Mr. B. G. Grimley) said he was not blaming Blakemore & Sons in one respect, and accepted their statement that they did not know they were selling something that did not come up to the label, but there were certain precautions they ought to have taken. He fined the firm £12.

Means to Pay.—Two former directors of Woodlands Chemists, Ltd., and of Price, Ltd., chemists, Woking, who were recently fined for cosmetic quota offences, appeared at Woking Police Court on May 2 for inquiries as to means to pay. W. H. Johnstone, who was represented by Mr. C. G. A. Cowan, said that on December 17 at Woking he was fined £1,500, of which £750 had been paid, and at the Guildhall, London, he was fined £10,000 on March 12. The day after the £10,000 fine he filed his petition in bankruptcy. He had been adjudged bankrupt. A statement of affairs showed that apart from the two fines his only other creditor was income tax £63, and his assets were then £85. All his assets had been taken, including his personal effects, watch, cigarette case and other goods. In consequence of his bankruptcy he was no longer a director of Woodlands Chemists. He had received £950 a year from that company and Price's and his agreement had three years to run. He had no means with which to pay the £750. Mr Cowan stated that it was not a question of Johnstone filing his petition to evade the fine. The Guildhall case was now under appeal. Mr. Cowan submitted that as there were no means Johnstone should not be sent to prison. The magistrates stated they could not accept the argument and ordered that unless the balance of the fine was paid within twenty-eight days Johnstone must go to prison for three months.—Mr. Cowan gave notice of appeal and the Bench fixed a surety of £25 for Johnstone's appearance.

The other ex-director concerned was Harry M. Levin, who said he had paid £1,000 and there was another £1,000 of the fines imposed at Woking still due. Levin said that on February 20 he gave up his position as director of Messrs. Woodlands because he felt he had not the confidence of his colleagues. He had applied for and been accepted for training for munitions making. He filed his petition in bankruptcy the previous Thursday and had no way of paying the balance of the fine. His liabilities were mainly the fines due at Woking and at Guildhall. The Bench said their decision in the case must be on the same lines as in the previous case. In default of payment within twenty-eight days Levin would have to go to prison for three months.

WASTE PAPER GOES TO WA

THERE are three exhibitions in London endeavouring to bring home to the individual the vital necessity of saving all waste paper. The one in Regent Street (at show rooms of the Ford Motor Co.) has already attracted over 180,000 people, whilst the second (at Selfridge & Co., Ltd.) has been drawing on an average 2,500 people daily. The third is really a demonstration centre in Fleet Street, where confidential documents are shredded or pulped. At Messrs. Selfridge's a number of girls are actually making munitions out of waste paper. There is also a power shredding machine and owners of private and confidential documents, old love letters and so on, are invited to take them along and have them minced in front of their own eyes. There is no occasion to burn confidential documents, why not shred them and send them off to the war?

MEANING OF "SUPERVISION"

In an action brought at Barnsley, on April 30, Littlewoods Mail Order Stores, Ltd., Cases Street, Liverpool, were summoned for selling at their branch in Cheapside, Barnsley, poisons otherwise than under the supervision of a registered pharmacist. The poisons concerned were strychnine in syrup of hypophosphites, and hyoscyamine in vegetable laxative tablets.

Mr. Bramley, prosecuting on behalf of the Pharmaceutical Society, said it was only recently that Messrs. Littlewoods had taken up the sale of poisons. The counters in their stores were all open to the public. Purchasers came along, picked up any article they desired, asked its price, and paid for it. Customers were mostly served by young girls; no receipt was given, and it was purely a cash transaction.

Poisons Sold by Young Girl

An inspector of the Society (Mr. W. R. Roberts) entered the defendants' store, went to the drug counter, and picked up the two bottles which formed the subject of the summonses. There was only a young girl at the counter, and she served Mr. Roberts, although he had never been in the store before, and she could not possibly say whether he was a fit and proper person to purchase the poison. After he had made his purchase he asked to see the registered pharmacist. According to the certificate which was displayed, this was Mr. Philip Stanley Glover. He was told that Mr. Glover was in the stock-room, and after about five minutes he appeared. Mr. Roberts then pointed out that Mr. Glover, as the registered pharmacist, should have been present at the sale. Mr. Glover seemed to agree with this, but said that he had been instructed by the superintendent of the firm that it would be sufficient if he were in the premises. The crux of the case, said Mr. Bramley, lay in the meaning of the word "supervision." The supervision must be personal even though the word "personal" did not appear in the section of the Act. One could not supervise a thing if one did not see it.

After the inspector of the Society (Mr. W. R. Roberts) had given evidence, Mr. Pappworth, for the defendants, asked Mr. Roberts if, when a chemist went into a room to make up a prescription he should close his shop. Mr. Roberts replied that he would suggest that before selling a poison the assistant should refer to the chemist.

Mr. Pappworth: The interpretation you put on the Section is that the registered pharmacist must actually be present and see the sale?—He must be present, know of it, or be told of it either by the salesman or the purchaser.

Sold in Normal Way

Mr. Pappworth said this was not a case where an unqualified assistant had made up a prescription. The articles sold were standard medicines received by the firm in sealed bottles, they were properly labelled and they were sold over the counter in the normal way. In circumstances such as had been described it seemed almost frivolous to ask whether there had been supervision, but this was a case of great practical importance to anyone who carried on a chemist's business. It was even more so in these days when there was a shortage of labour and great difficulty was experienced in getting qualified chemists. If the interpretation which Mr. Roberts, or the Society, placed upon the regulations were accepted it would mean that an absurd position would arise. It would mean, in effect, that the qualified chemist would have to be glued to the counter so long as these goods were being sold—or else close down the poisons section. The dictionary definition of the word "supervision" was: "to see, to over-see, to overlook and superintend." Could it be said that a shopkeeper did not supervise his business because he might be engaged for a short time, even outside the shop?

Mr. Bramley said he had never suggested that a registered chemist should be glued to the counter. His suggestion was that if anyone came to purchase poison and the qualified chemist was absent, the customer should be asked to wait until he came back. Poisons were the whole point of this case, and if parties desired to sell dangerous poisons they must comply with the provisions of the law. In his submission it was quite easy for a firm to comply with the regulations.

The Bench, by a majority decision, dismissed the charges, holding that the sales took place under the supervision of a registered chemist, and agreed to state a case.

As we go to Press we learn that the Branch Representatives meeting arranged in connexion with the British Pharmaceutical Conference has been cancelled (*see* p. 547).

COMPANY NEWS

CRYSTYL CHEMICAL CO. (LEE GREEN), LTD. (P.C.).—Capital £500. To acquire the business carried on as the Crystyl Chemical Co. at Lee Green, London, S.E., by Stanley H. Harvey. Stanley H. Harvey and Pauline R. Hughes, directors. R.O.: 18 Eltham Road, London, S.E.

KEMPTHORNE, PROSSER & CO.'S NEW ZEALAND DRUG CO., LTD., Dunedin, N.Z.—Mr. G. C. Austin (head office staff) has been appointed general manager.

ELLIOTTS & AUSTRALIAN DRUG PROPRIETARY, LTD., Sydney.—Mr. Rex Cullen-Ward has been appointed general manager and chairman of directors following the recent death of Mr. Victor Elliott. Mr. Cullen-Ward is a well-known public accountant, and has been a director of the Sydney company for about thirty years and a member of the board of Drug Houses of Australia, Ltd., since its inception.

Bankruptcy.—WILLIAM HENRY JOHNSTONE.—Heavy fines, shown as debts which might be liquidated by serving imprisonment, were the outstanding feature of the public examination at the Guildford Bankruptcy Court on May 5. Statement of affairs showed liabilities, expected to rank, amounting to £11,532, and assets estimated to realise £85. The liabilities included a £10,000 fine and £15 15s. costs at the Guildhall Police Court, £750 balance of a fine of £1,500 imposed at the Woking Police Court, and £750 due to A. H. Price (Wholesale Chemists), Ltd., which they paid on his behalf, and a further £15 15s. costs. The only other liability disclosed was £63 in respect of income tax for the year ending April 1, 1942. Debtor said he had had two examinations at the Guildhall and at Woking, and as a result no further assets had been disclosed. He qualified as a chemist in 1911, and was a member of the Pharmaceutical Society for some years. He was not at the moment because he had not paid his fees. He had never been in business on his own account, but had always been in employment. In April 1924 a Receiving Order was made against him in the High Court. His liabilities were £1,348; no assets were disclosed and none was realised. He was granted his discharge, subject to a three months' suspension, in June 1927. His failure then was partly due to extravagance and heavy interest on borrowed money, but mainly to loss on a deal.

About July 1936 he was appointed manager of one of the retail chemists' businesses owned by Woodlands Chemists, Ltd., and in the following September he was transferred to the head office and appointed a director and general manager at a salary of £9 a week. By agreement dated January 18, 1939, he was appointed managing director for a period of five years at £650, a salary later increased to £750 per annum. He also received £100 a year directors' fees. Subsequently the public company acquired and controlled the retail chemists' business carried on by A. H. Price, Chemists, Ltd., Woking, and debtor was appointed a director of that company. The name was changed to A. H. Price Wholesale Chemists, Ltd., but he held no shares in that concern, nor did he receive any salary, although he had directors' fees amounting to £100 a year. At the time of filing his petition he had 500 2s. shares in Woodlands Chemists, Ltd. As managing director of Woodlands his activities were confined to management and he did not attend to the sales side. As a director of Messrs. Price he took charge of the manufacturing side. In December 1941 he was, as director of the latter concern, fined £1,500 and £15 15s. costs for breaches of the Limitation of Supplies Order. Of that amount £750 and costs was paid on his behalf by the company. In March 1942, as a director of the public company, he was fined £10,000 and £15 15s. costs for a similar offence. He then resigned from both companies and filed his petition.

Assistant Official Receiver: Has it come to your knowledge that it is doubtful whether a debt of this nature is provable in bankruptcy?—"I don't know. I had no monetary benefit at the time of the offence or by way of promise in the future. Knowing the position as it now is I would not have filed my petition at all because it looks hopeless." Debtor stated he was not liable to Price's for the fine paid on his behalf. At Woking Police Court he had been told he must pay in twenty-eight days or go to prison for three months. The Registrar said it was likely there would also be some alternative in the case of the £10,000 fine and they had the position of debts which might be liquidated. They could not carry the case much further until they saw sentences were passed, when both debts would be wiped out. The examination was adjourned for closing on May 21.

TOPICAL REFLECTIONS

Chemistry as a Profession

In a thoughtful address from the chair of the British Association of Chemists, London Section (p. 513), Mr. W. C. Peck has discussed with moderation and candour the relation of professional chemists to the community. In his search for what may be called a structural formula—a guiding principle or set of principles—he has surveyed the ground thoroughly. Members of the Pharmaceutical Society can sympathise with him in his reference to "the onerous duty imposed on certain societies by the obligation of publishing technical literature," a task involving a perennial drain on the funds of every learned body. The suggestion of federating the chemical institutions named by him (including "all other societies") under "a main body" comes, I suppose, too late to be practical politics. Pharmacy has allied itself closely with medicine in its curriculum of study, and the alliance promises to become closer. That, however, need not prevent a frequent interchange of views between the Pharmaceutical Society and the bodies referred to by Mr. Peck; and when the Society's new premises are completed some of these bodies may with advantage be invited to hold scientific meetings there. I have failed to find in the address any specific reference to pharmacy as a profession with a high standard of technical knowledge: however usual this may be in pronouncements made on behalf of "pure" chemists, it is none the less regrettable. The speaker's definition of science suggests haste. It reminds one of a type of unfinished road of which we have read, beginning as a highway but narrowing down to a squirrel track and ending at a tree. The phrase "to discover how things work as causal systems" will not bear examination. We do not know what "things in themselves" are.

Looking Forward

The "Observations on the Future of Pharmacy" made by two contributors on pp. 496–97 merit careful reading. Both writers are obviously in earnest, and each has remedies to propound for present discontents. Not everyone will agree with the diagnosis of "the factors that have worsened the position" offered by Mr. E. M. Williams. Compulsory membership of the Pharmaceutical Society has given a jar to some ideas of individual freedom; yet it has had the advantage of bringing into close relation with the community the qualified people who, having obtained the requisite certificate, used to wash their hands of pharmacy as an organised vocation and go their own way without regard to their colleagues. Again, is "the appointment of qualified chemists as poisons inspectors" an unmixed evil? Does not the pharmacist who inspects a pharmacy know more of what he is talking about than the policeman caricatured in the *C. & D.* soon after the first Dangerous Drugs Act came into force? Your other contributor remarks that the greatest enemies of the "private" pharmacist are co-operative societies and chain stores, and fears that pharmacy "may become the most remarkable flop in the history of professional organisations." This point of view is not altogether new; each of the writers, however, has boldly put forward in addition certain suggestions for bringing about an improvement in the situation. These are for the most part practicable.

Concrete Suggestions

The five suggestions of Mr. Williams and the six of "Newly Qualified" may be read as a single series. Mr. Williams puts his main emphasis on the professional aspect: he would go so far as to banish what he calls "odds and ends" to premises separate from the pharmacy. The cost of this step would only be recoverable, I believe, in businesses with a large turnover; but in any case I agree with the idea that a pharmacy should look like a pharmacy, externally and internally. The stuffing of fixtures with proprietary goods to the detriment of shop rounds has gone further than can be defended without—or even with—special pleading. Similarly, he would institute a power of veto on the activities of pharmacists who work for "a firm" (a general term in this connexion, I presume) engaged in "transactions adversely affecting the profession." Whether such activities can amount to misconduct coming within the purview of the Statutory Committee of the Pharmaceutical Society I do not know; but it appears to be possible. In the six suggestions that end the second article the emphasis is on collaboration (1) between pharmacists and (2) between associations of pharmacists and branches of the British Medical Association. Neither of your contributors deals with the problem of regulating drug stores.

Xrayser

NORTH BRITISH EXECUTIVE MEETING

A MEETING of the executive of the North British Branch of the Pharmaceutical Society was held in Edinburgh on April 29, Mr. W. F. Hay in the chair. The chairman welcomed the president, and said members had expected to have Mr. Linstead with them, but Mr. Linstead was trying his hand in the political arena and his time was fully occupied; he had promised, however, to come North as early in May as possible. Pharmacists would be pleased to have Mr. Linstead a Member in the House of Commons, and he thought the Executive should send him their best wishes for his success.

A list of divisional secretaries for appointment by the Council for 1943 was approved.

Letter on Council Election

Notice was read that an Order in Council from the Privy Council provided that no election of members of the Society's Council should be held in the year 1942. It was agreed that the Executive should follow the procedure adopted by the Council.

Post-war Hospital Policy

The resident secretary reported that a preliminary meeting of a subcommittee on post-war hospital policy appointed on March 18 had been held on April 22. Mr. Drummond (a member of a study group under the British Medical Association) and Mr. Perrins (chief pharmacist in a large hospital) had been co-opted to the Committee and had attended the meeting. Dr. McCall had accepted an invitation to become a member; it was thought also that someone from the West of Scotland might be co-opted. The findings of the committee would be reported to the Executive in due course. Mr. Guthrie suggested Mr. A. Taylor as a suitable member, and the suggestion met with the full approval of the West of Scotland members. Mr. Culbert suggested that the Glasgow Branch of the Society should get in touch with the local B.M.A. study-group secretary, with a view to having pharmacy represented in the group.

Committee of Inquiry Reports

The chairman thought the only way of dealing with the reports of the Committee of Inquiry was to appoint a small committee, and it was agreed that this should be done at the next meeting of the Executive.

Pamphlet on War-time Prescribing

Discussion took place on a pamphlet issued by the Department of Health dealing with war-time prescribing and recommending the use of substances in the National War Formulary. Several members complained that this pamphlet had been issued only to doctors and not to pharmacists, whom it equally affected. It was agreed that the matter should be left in the hands of the Pharmaceutical Standing Committee.

N.H.I. Terms

Mr. Bennett said it was impossible to give details regarding the negotiations with the Department of Health for improved terms of service for chemists under contract with Insurance Committees. The position was still uncertain, and he felt that he could not enlarge upon the matter until a report had been submitted to the Standing Committee.

British Honduras Unit

The resident secretary said that a letter had been received from the Department of Health intimating that the Department would like to make arrangements for the medical treatment and dispensing of medicines for men employed in camps by the British Honduras Unit, similar to those already in force for men employed by the Newfoundland Forestry Unit, and inviting the co-operation of panel chemists. The Department had been informed that the Standing Committee agreed to the proposal.

Sale of Methylated Spirit

Mr. Culbert asked whether, if a purchaser signed a form for the purchase of methylated spirit, the chemist had to supply, even if he felt that it would be put to an improper use. Mr. Hay said that the moral obligation was to consider the patient. Mr. Bennett said that a person who was licensed to sell methylated spirit could not refuse to sell.

THE ABIETSAN MANUFACTURING CO., LTD., have removed their offices to temporary premises at 5 Cumnor, Hall Drive, Sydenham, London, S.E.26.

FULLER & CO., LTD., Norwich, have transferred their offices to c/o Mrs. A. E. King, 565 Earlham Road, Norwich. Statements and inquiries should be sent to this address.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, c/o The Pitman Press, Bath, Somerset.

TRADE NOTES

Purchase Tax Price Increase.—Wood Bros. Glass Co., Ltd., Barnsley, announce that owing to the alteration in the rate of purchase tax, the retail price of the Lillicrap's patent hone has been increased.

Latex Teats and Valves.—Latex transparent feeding teats and valves, perforated and packed in cellophane bags in display boxes of six dozen, guaranteed "shelfproof" for three years in any climate, are offered by Imextrade, Ltd., Rubber Department, Chesham House, 150 Regent Street, London, W.1.

Coin-operated Beam Scales.—A limited number of doctors' beam scales, finished black and white vitreous enamel, second-hand but recently overhauled, are available from Amusement Equipment Co., Ltd., Hong Kong Works, Wembley, Middlesex, who are prepared to send photograph and details to any chemist interested.

Wellcome Veterinary Products.—Burroughs Wellcome & Co., 12 Red Lion Square, London, W.C.1, draw attention to the fact that a number of Wellcome brand veterinary serological products are now subject to purchase tax at 16⅔ per cent., as from April 27. The following products are among those affected: Anti-bronchisepticus serum; B. Chauvoei anti-serum; Struck vaccine; Brucella Abortus vaccine (killed).

Advertising to Continue.—To correct a mistaken impression among customers in some areas that Elastoplast has "gone off the market," T. J. Smith & Nephew, Ltd., the makers, Neptune Street, Hull, are advertising the product. The speciality is in full production, and every effort is being made to ensure equitable distribution, but Messrs. Smith explain that anomalies do sometimes occur, and if chemists persistently fail to obtain normal requirements they should inform the makers.

On Prescription Only.—Because supplies of raw material for making Viteolin capsules are authorised by the Ministry of Health solely on the understanding that the product is supplied only against a medical prescription, Glaxo Laboratories, Ltd., Greenford, Middlesex, request chemists not in any circumstances to supply the product as an ordinary counter transaction. The need for economy is vividly illustrated by the fact that at the present moment the makers are completely out of stock and may not have supplies again for three weeks.

New Labels.—All supplies of the following preparations now being sent out from the works of British Alkaloids, Ltd., 69 Old Broad Street, London, E.C.2, bear labels complying with the provisions of the Pharmacy and Medicines Act, 1941: T.C.P.; T.C.P. ointments; T.C.P. bronchial antidote; T.C.P. B_3 colloidal emulsion. The remaining T.C.P. preparations are not affected by the Act. Pharmacists are asked to give special attention to rotation of stocks so that old stock is sold first.

Proprietary Articles Trade Association

Alterations to Protected List.—*Alfred Bishop, Ltd.* New prices, June 1: Denture cleanser, 1s. 3½d., 10s. 6d. doz., tax 3s. 6d. doz., inclusive retail price 1s. 7d. Caffeine citrate, 1s. 10d., 17s. doz., tax 2s. 10d. doz., i.r.p. 2s. 1d.; 2s. 8½d., 26s. doz., tax 4s. 4d. doz., i.r.p. 3s.; 4s. 0½d., 39s. doz., tax 6s. 6d. doz., i.r.p. 4s. 7d. Lithia citrate, 1s. 10d., 17s. doz., tax 2s. 10d. doz., i.r.p. 2s. 1d.; 4s. 1½d., 39s. doz., tax 6s. 6d. doz., i.r.p. 4s. 8d.; 2s. 10d., 27s. doz., tax 4s. 6d. doz., i.r.p. 3s. 2½d. Livura, 2s. 10½d., 28s. doz., tax 4s. 8d. doz., i.r.p. 3s. 3d. Citrate of magnesia, 1s. 6¼d., 14s. doz., tax 2s. 4d. doz., i.r.p. 1s. 8½d.; 2s. 10d., 26s. doz., tax 4s. 4d. doz., i.r.p. 3s. 2d.; ¼ lb., 1s. 10¼d., 16s. doz., tax 2s. 8d. doz., i.r.p. 2s. 1d.; ½ lb., 3s., 26s. doz., tax 4s. 4d. doz., i.r.p. 3s. 4½d.; 1 lb., 5s. 6d., 45s. doz., tax 7s. 6d. doz., i.r.p. 6s. 1½d. Phenacetin and caffeine, 1s. 10d., 18s. doz., tax 3s. doz., i.r.p. 2s. 1d.; 3s. 2d., 30s. doz., tax 5s. doz., i.r.p. 3s. 7d. Piperazine, 2½ gr., 2s. 8d., 23s. doz., tax 3s. 10d. doz., i.r.p. 3s. 2d.; 5 gr., 3s. 7d., 33s. doz., tax 5s. 6d. doz., i.r.p. 4s.; 5 gr., 6s. 3d., 55s. doz., tax 9s. 2d. doz., i.r.p. 7s.; 6 gr., 3s. 7d., 33s. doz., tax 5s. 6d. doz., i.r.p. 4s.; 6 gr., 6s. 3d., 55s. doz., tax 9s. 2d. doz., i.r.p. 7s. Potash citrate, 1s. 10d., 18s. doz., tax 3s. doz., i.r.p. 2s. 1d.; 3s. 4d., 32s. doz., tax 5s. 4d. doz., i.r.p. 3s. 9½d. Soda phosphate, 1s. 10d., 18s. doz., tax 3s. doz., i.r.p. 2s. 1d.; 3s. 3½d., 32s. doz., tax 5s. 4d. doz., i.r.p. 3s. 9d. Soda sulphate, 1s. 10d., 18s. doz., tax 3s. doz., i.r.p. 2s. 1d.; 3s. 3½d., 32s. doz., tax 5s. 4d. doz., i.r.p. 3s. 9½d. Yamba, 3s. 3½d., 32s. doz., tax 5s. 4d. doz., i.r.p. 3s. 9d. Carlsbad, Kissingen and Vichy salts, 1s. 10d., 18s. doz., tax 3s. doz., i.r.p. 2s. 1d.; 3s. 3½d., 32s. doz., tax 5s. 4d. doz., i.r.p. 3s. 9d. Prices of the following unchanged: Natural fruit saline, 4-oz. and 8-oz. sizes; gout Varalettes, 36's and 90's;

Kissingen, Vichy and Contrexeville Varalettes, 50's, 150's and 500's.

Bengué & Co., Ltd., Bengué's balsam, 1s. 6d., 11s. doz., tax 1s. 10d. doz., i.r.p. 1s. 8d.

E. Griffiths Hughes, Ltd., Wex saline, 4 oz., 2s. 0½d., 20s. doz., tax 3s. 4d. doz., i.r.p. 2s. 4d.; 8 oz., 3s. 4½d., 33s. doz., tax 5s. 6d. doz., i.r.p. 3s. 10d.

Purchase Tax Increases.—*Anglo American Drug Co., Ltd.*, Mexican hair renewer, 3s. 6d., 31s. 6d. doz., tax 21s. doz., i.r.p. 5s. 3d.

M. Beetham & Son, Larola, 1s. 6d., 14s. 3d. doz., tax 9s. 6d. doz., i.r.p. 2s. 4d.; 2s. 6d., 24s. doz., tax 16s. doz., i.r.p. 3s. 10d. Larola rose bloom, 1s., 9s. doz., tax 6s. doz., i.r.p. 1s. 6d.; 2s. 6d., 23s. doz., tax 15s. 4d. doz., i.r.p. 3s. 10d. Larola hair grower 2s. 6d., 24s. doz., tax 16s. doz., i.r.p. 3s. 10d.; 4s. 6d., 44s. doz., tax 29s. 4d. doz., i.r.p. 7s. Larola hair wash, 2s., 20s. doz., tax 13s. 4d. doz., i.r.p. 3s. 2d. Larola lily bloom, 2s. 6d., 24s. doz., tax 16s. doz., i.r.p. 3s. 10d. Glycerin and cucumber, 1s., 10s. doz., tax 6s. 8d. doz. i.r.p. 1s. 7d.; 1s. 9d., 17s. 6d. doz., tax 11s. 8d. doz., i.r.p. 2s. 9d.; 2s. 6d., 24s doz., tax 16s. doz., i.r.p. 3s. 10d.

Thos. Christy & Co., Ltd., Lanoline tubes, No. 7, 9d., 5s. 9d. doz., tax 3s. 10d doz., i.r.p. 1s. 1d.; tubes, No. 9, 1s. 3d. 8s. 3d. doz., tax 5s. 6d. doz., i.r.p. 1s. 8½d

E. Griffiths Hughes, Ltd., Radox bath salts, 2d., 1s. 6d. doz., tax 1s. doz., i.r.p 3d.; 3d., 2s. 6d. doz., tax 1s. 8d. doz. i.r.p. 5d.; 1s. 6d., 13s. 9d. doz., tax 9s. 2d doz., i.r.p. 2s. 3d.; 2s. 6d., 22s. 9d. doz. tax 15s. 2d. doz., i.r.p. 3s. 9d.; 3 cubes 7½d., 6s. doz., tax 4s. doz., i.r.p. 1s.

Prichard & Constance (Mfg.), Ltd. Amami preparations: wave set, standard and spirituous, 6d., 4s. 2d. doz., tax 2s. 9½d. doz., i.r.p. 9d.; 1s. 3d., 10s. 6d doz., tax 7s. doz., i.r.p. 1s. 10d. Toning brilliantines, 6d., 4s. 2d. doz., tax 2s. 9½d doz., i.r.p. 9d. Amami manicures, 6d., 4s. 2d. doz., tax 2s. 9½d. doz., i.r.p. 9d.

Deletions.—*Arthur H. Cox & Co., Ltd.*, Moruette cod liver oil tablets.

PARLIAMENTARY NEWS

Scabies.—Replying to Mr. Ammon, on May 7, Mr. E. Brown, Minister of Health, said he had decided to publish a White Paper on the prevalence and control of scabies. It would be available to the House early the following week.

R.A.F. Dispensers.—Mr. Oliver asked the Secretary of State for Air, on May 5, what steps were being taken to use the professional skill of qualified chemists now in the service as dispensers in the Royal Air Force; and whether he was aware that this important work was, in a large number of cases, performed by unqualified persons with little or no experience of pharmacy.

Sir A. Sinclair: The requirements of the Royal Air Force are already adequately met by the employment of qualified chemists in posts where this is justified by the volume and complexity of dispensing work.

Anti-mosquito Measures.—Asked by Mr. Douglas, on April 30, what steps he had taken or proposed to take to prevent mosquitoes from breeding in open tanks and reservoirs of static water kept for fire-fighting, the Home Secretary (Mr. H. Morrison) said: After consultation with the Ministry of Health, instructions have been issued on measures to prevent some mosquitoes from breeding in water storage tanks provided for fire-fighting purposes.

Representations by Pharmaceutical Society.—Sir H. Williams asked the Minister of Health, on May 7, what representations had been made to him on October 14, 1941, by the Pharmaceutical Society in respect of the adequacy of the supply of drugs to hospitals, doctors, and chemists; and whether he was aware that this adequate supply was being prejudiced by the distribution of pre-packed drugs by chain stores.

Mr. E. Brown: I received a letter from the Pharmaceutical Society, dated October 14, 1941, urging that, as and when shortages of medical substances occurred, steps should be taken to ensure that these substances were first supplied to those wholesalers and manufacturers the bulk of whose business lies in supplying pharmacists in retail business, hospitals, and doctors. I am not prepared to admit the implication in the last part of the question, but I am carefully considering, in consultation with the Minister of Supply, the question of further restricting the supply of essential drugs to essential medical purposes.

Sir H. Williams: In view of the great interest in this question, will the right hon. gentleman send a copy to the electors of Putney, whose loyalty is now (see p. 541) divided between the War Cabinet and the Pharmaceutical Society?

PERSONALITIES

Mr. R. C. Warner, younger son of Mr. H. G. Warner (governing director of Courtin & Warner, Ltd., Lewes), has been promoted to the rank of Captain in the Royal Army Service Corps.

At a parliamentary by-election in the Putney division of London on May 8, Mr. Hugh N. Linstead, O.B.E. (secretary and

Mr. Hugh N. Linstead, M.P.

egistrar of the Pharmaceutical Society of reat Britain) was elected a Member of arliament. He had a majority of 5,849 ver his Independent opponent, Captain ernard Acworth, the votes cast being :—

Linstead, Hugh N.	8,788
Acworth, Bernard	2,939

Mr. Linstead stood as National Conservative candidate. In a paragraph headed About Myself" in a printed message to e electors he wrote :—

I am forty-one and married, with two aughters. I am in touch with many sides f public life—education and scientific esearch in collaboration with the univerties and technical colleges ; general adminration under the Privy Council; and nforcement of the law in conjunction with e Ministry of Health and the Home ffice. My public service includes work ith the boy scouts for over twenty-five ears. I am a member of the Home Office Poisons Board. In 1937 I was appointed an Officer of the Order of the British Empire. My war work is the secretaryship of the Central Pharmaceutical War Committee under the Ministry of Health and the Ministry of Labour and National Service. I have been a Home Guard since July 1940.

Shortage of Drugs.—I shall use my special knowledge to secure that our supplies of essential drugs for the sick are maintained.

Vitamin Preparations.—I shall watch that the supply position of these vital food factors is safeguarded against next winter.

DEATHS

Berk.—At 66, Palace Court, Bayswater, London, W., on April 29, Mr. P. Felix Berk, aged sixty-one, chairman of F. W. Berk & Co., Ltd., chemical manufacturers, Commonwealth House, New Oxford Street, London, W.1. Born in London in 1880, Mr. Berk was educated at the Abbey School, Beckenham, and in Germany. He studied business methods in Germany, Holland and France, returning in 1898 to England to enter the business of F. W. Berk & Co., Ltd. Felix Berk was a man of rare gifts. He combined in a magnetic personality unbounded courage and keen foresight, and throughout his life he devoted these gifts to expanding the business of the company. In 1924, on the death of his uncle, Mr. F. W. Berk, he became chairman of the company, which office he filled until his death. He spoke French, German and Dutch almost as well as he did English, and enjoyed, by reason of his personal charm, combined with this linguistic ability, a popularity unique in continental business circles. He was particularly interested in air transport, using it whenever possible in his world-wide travels. As long ago as 1929 he foresaw the trend of political developments in Europe and with characteristic energy decided to establish an associated business in the United States. This plan could only be put into execution with great difficulty because of the economic crises which then arose, but despite all difficulties and largely owing to his unremitting toil, F. W. Berk & Co., Inc., New York, of which he was president, is now a firmly established undertaking.

Stewart.—Recently, Malcolm Stewart, general manager of Kempthorne, Prosser & Co.'s New Zealand Drug Co., Ltd., Dunedin, New Zealand.

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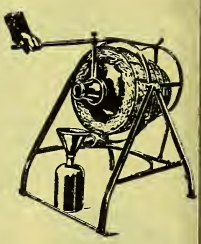

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COMING EVENTS

Tuesday, May 19

NATIONAL ASSOCIATION OF WOMEN PHA MACISTS, 17 Bloomsbury Square, Londo W.C.1, at 7.45 p.m. Mr. W. S. Howe (Vice-president of the Pharmaceutic Society) on "Some Reflections Pharmacy."

Wednesday, May 20

GUILD OF PUBLIC PHARMACISTS, 17 Bloom bury Square, London, W.C.1, at 6.30 p.1 Annual meeting.

Thursday, May 21

CHEMICAL SOCIETY, Burlington Hous Piccadilly, London, W.1, at 4.30 p.1 Tilden lecture on "The Chemistry of t Lignin Group of Natural Products," I Professor R. D. Haworth, D.Sc., Ph.I F.I.C.

THE
CHEMIST AND DRUGGIST
ESTABLISHED 1859
or RETAILER — WHOLESALER — MANUFACTURER
Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, the British Empire, and foreign countries
Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire
VOL. CXXXVII MAY 16, 1942 NO. 3249

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Pharmacists in Parliament

IN this country and throughout the Empire pharmacists will congratulate Mr. Hugh N. Linstead on his election (see p. 541) to Parliament as representative of Putney, London, S.W., and wish him the success his outstanding abilities deserve. He is the sixth member of the Pharmaceutical Society of Great Britain to achieve this distinction in recent times, the others being Sir Dymoke White, Mr. W. E. Woolley, Mr. W. W. Wakefield, the late Sir William Glyn Jones and the late Mr. H. W. Bennett. There will now be at least four members of the House of Commons who can speak with authority when pharmaceutical subjects are being discussed, and we trust they will use every endeavour to rebut any statements detrimental to pharmacy that may be made. On many occasions within recent memory a corrective has been badly needed.

Arising out of the usual controversies which take place at election time was a letter of interest to pharmacy published in "The Times," May 7, from a "Putney Elector." The writer stated:

"But the official candidate, it appears, is the secretary of the Pharmaceutical Society. As such he may be expected to support the measure which that society is seeking to introduce, and which other electors besides myself may regard as the first step towards turning the trade into a restrictive monopoly and therefore as detrimental to the interests of the community."

A reply to "Putney Elector" from Mr. Linstead appeared in "The Times," May 8. Mr. Linstead said: "I know of no intention on the part of the Pharmaceutical Society to introduce any measure directed to 'turning the trade into a restrictive monopoly.' The society has no Parliamentary measure of any kind in preparation at the present time. I am happy to be able to say this categorically because the point of principle raised by your correspondent is important.

"I can only assume that he has in mind a letter from me which you published some weeks ago among others dealing with the return to the guild system. Can I reassure him by reminding him that the essential feature of the only aspect of such a system in operation now—the national health insurance scheme—carries with it, as must all such schemes, a Government tariff determining all prices and fees?"

With the results of the Society's recent adventures in the legislative arena still fresh in their minds, pharmacists will be glad to know that no further exploits are being contemplated at the moment.

Quinine and Malaria

WHILE it has been officially stated that supplies of quinine are adequate in this country for a reasonable period, it is obvious that the strictest economy should be observed in the use of this alkaloid, since the principal sources of supply are now cut off.

In this connexion it is interesting to note the views of a correspondent in the "Lancet," May 2, p. 545, that in the treatment of malaria quinine can be conserved by adopting minimum doses which have been found in practice to be adequate. Thus, according to this correspondent, it is not generally recognised that the amount of quinine necessary to cure an attack of malaria varies according to the species of parasite involved. He states, for instance, that in *Plasmodium vivax* infections a single dose of quinine gr. 5 will abort an attack

and gr. 5 once a day for fifteen days will effect a cure. Larger daily doses, even if extended over a longer period, do not prevent relapses, and this applies whether the patient has been infected by the bite of one mosquito on one occasion or by a hundred infested mosquitoes daily for a week. So much for primary infections ; in relapses an even smaller daily dose for a few days is sufficient. This was noticed with more than six strains of *P. vivax*. The problem of mixed infections, however, is rather different, but it was found that gr. 10 daily for ten days was adequate. The so-called anti-relapse treatment is considered to be useless on the grounds that to give a patient quinine gr. 10, 20 or even 30 once a week in the hope that it will prevent a relapse in the future does nothing but make the patient uncomfortable. These remarks are based on the quinine requirements of persons returning to this country after having suffered from malaria in an area where it is endemic. In order to conserve quinine it is suggested that it should not be given until a relapse occurs and then only when the diagnosis has been confirmed by blood examination.

Price-regulated Goods

THE Prices of Goods Act, 1939, gives power to the Board of Trade to define by means of Orders goods which will be subject to price regulation, i.e., goods to which the principal Act will apply. One such Order, covering a wide range of everyday products, was issued in May 1940 (*C. & D.*, May 18, 1940, p. 373), and was amended in December 1941 (*C. & D.*, January 10, 1942, p. 52). This Order has now been replaced by the Prices of Goods (Price-Regulated Goods) Order, 1942 (S.R. & O., 1942, No. 794), which came into operation on May 11.

Policy Unchanged

The new Order does not indicate any change of policy on the part of the authorities towards price-regulated goods, but may be described as a consolidation of previous Orders. The Order consists essentially of a schedule of goods covered by the Prices of Goods Act, based on the previous Orders, but incorporating certain changes. Some additions are noted but very few of these concern the drug trade. In general it may be stated that the principal difference between the new Order and the old lies in the method by which the goods have now been defined. Since the original list of price-regulated goods was drawn up, many of the classes of goods concerned have been defined by the Commissioners of Customs and Excise for the purposes of purchase tax, and an opportunity has been taken to replace the earlier Order by one which adopts, so far as is appropriate, the same classification and definitions of goods as are used for purchase tax purposes. Purchase tax definitions, it is pointed out, are more precise than those in the Price-Regulated Goods Order, they are by now well known to traders, and in many cases their exact meanings have been interpreted. It should not be assumed, however, that because certain articles mentioned in the schedule to the new Price-Regulated Goods Order have been declared by the Commissioners of Customs and Excise not to be chargeable with purchase tax (e.g., certain drugs) these goods will be free from price regulation.

Interpretation of "Drugs"

"Drugs," we are advised, is an exception to the rule that purchase tax definitions of classes of goods may be applied to the new schedule of price-regulated goods. So far as "drugs" are concerned, no change has occurred in the position and there is no reason to suppose that any other view is taken than that "drugs, in the widest sense of the word, will continue to be liable to price regulation" (*C. & D.*, January 10, 1942, p. 52). It should be remembered that the fact that goods are price regulated does not simply mean that the prices at which they are sold must be computed in accordance with the Prices of Goods Act. It also means that they are subject to certain Orders made under the Goods and Services (Price Control) Act, which apply to all price-regulated goods. These Orders include the Price Controlled Goods (Invoices) Order, 1941, and the Price Controlled Goods (Restriction of Resale) Order, 1942. Particulars of the new list of price-regulated goods, in so far as the drug trade is concerned, will be found on p. 545

PRICE-REGULATED GOODS SCHEDULE

UNDER the Prices of Goods (Price-Regulated Goods) Order, 1942 (S.R. & O., 1942, No. 794), goods of the description defined in the following schedule are price-regulated goods (only those articles of interest to the drug trade are given). The Order came into operation on May 11 (*see* Editorial comment, p. 544) :—

Gloves and other handwear.

Articles of china, porcelain, earthenware, stoneware and other potteryware of a kind used for domestic purposes.

Glassware of a kind used for domestic purposes and in the preparation of or serving of food or drink.

Glass articles, the following : Mirrors (whether framed or not). Shelves, finger-plates, table-tops and advertising tablets (whether backed with other materials or not).

Vacuum flasks and vacuum jars of a kind used for domestic purposes. Portable lamps and hand-torches of all descriptions, and component parts thereof and accessories therefor.

Electric dry batteries of all kinds.

Hair-waving and hair-drying machines.

Cutlery suitable for domestic or personal use.

Photographic cameras, photographic enlargers, projectors for sub-standard film or for slides, lenses and other component parts of and accessories to such cameras, enlargers or projectors.

Unexposed sensitised photographic paper, cloth, plates and film.

Field glasses.

Fancy or household goods made wholly or partly of celluloid, bakelite or other plastic material derived from celluloid, casein, pâpier maché or synthetic resin, and other fancy or ornamental articles of a kind suitable for personal or domestic use (including artificial flowers, photograph frames and paper weights).

Candles, tapers and night-lights.

Toilet requisites and accessories of all kinds (including toilet brushes and hot water bottles).

Perfumery and toilet preparations (whether medicated or not) and soap made up for sale as toilet soap.

Drugs.

Surgical dressings and appliances.

Disinfectants and medical substances and chemicals for personal and domestic use (excluding medicines made up by retail chemists, medical practitioners and veterinary surgeons, and by hospitals and other similar institutions).

Invalids' foods and requisites and infants' foods.

Paper manufactures, the following : Diaries, calendars, greeting cards, picture postcards, and other similar articles, notepaper and other stationery, handkerchiefs, face and hand towels, paper serviettes, and other articles of table or kitchen use.

Pencils, pens, fountain pens, ink, drawing pins and other stationery and office requisites.

Crates, boxes, bags, cartons, bottles and other containers.

Bituminous emulsions and solutions adapted for sticking fabrics to glass, flexible substitutes for glass, liquid preparations whether or not based on synthetic resin, lacquers, varnishes and rubber latex adapted for use on glass as anti-scatter preparations, gummed paper, strip and adhesive tape.

Stretchers, steel and other protective helmets intended or designed to meet war risks, respirators, and parts thereof and accessories therefor.

Paraffin oil, and kerosene and turpentine sold or agreed to be sold or offered for sale in retail transactions for domestic use.

VITAMIN C PREPARATIONS

VITAMIN C is likely to remain comparatively stable in blackcurrant purée and rose-hip syrup if kept in air-tight containers : this is the finding of Alston ("British Medical Journal," May 2, p. 559) as a result of tests carried out at the Archway Hospital, London, on various fruit preparations containing vitamin C. Concentrations of the vitamin found in sixteen preparations immediately on opening the containers in which they had been stored were as follows :—

	mgm. per c.cm.
Rose-hip syrup, No. 1	2·2
,, ,, No. 2	1·0
,, ,, No. 3	0·4
Blackcurrant purée, No. 1 ..	1·0
,, ,, No. 2 : "official"	0·66
,, syrup : "official"	0·63
,, juice (tinned) ..	0·6
Orange juice, fresh	0·66
,, ,, tinned	0·4
Lemon ,, ,, ...	0·4
Lime ,, bottled	0·1
Tomato ,, tinned	0·08
Orange squash, bottled	0·07
Grape-fruit squash, bottled, No. 1	0·05
,, ,, ,, No. 2	0·04
Tomato juice, home-made ..	0·02

The three specimens of rose-hip juice were made by the same person from the same recipe, and factors in the different results might, the author states, be variations in the amount of concentration by boiling and the fact that rose-hips differ in concentration of vitamin C according to situation of growth and degree of ripeness. The hips for the third preparation were pulled in January, when they were far past their best condition. The two preparations of blackcurrant purée were made by the same firm ; No. 2 was from a tin prepared for free distribution at welfare clinics.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

MEETINGS of the Council of the Pharmaceutical Society of Great Britain were held at 17 Bloomsbury Square, London, W.C.1, on Tuesday, May 5, and Wednesday, May 6. The president occupied the chair and all the members were present except the treasurer (Mr. Hugh W. Wallis), Professor Dilling and Mr. P. F. Rowsell.

Tuesday's Session

It was agreed that a letter of sympathy should be sent to Mr. Rowsell, whose absence was due to the effect of enemy action upon his business.

X-ray Unit for Russia

A letter from the Joint Committee for Soviet Aid was received inquiring whether the Pharmaceutical Society would launch a scheme among its members to collect funds for a mobile *x*-ray unit costing £1,500 for the Field Hospitals of the Red Army. The unit would bear a plaque with the name of the Society. The Council decided to make an appeal with the object of raising the amount needed to purchase a unit.

Wednesday's Proceedings

At the meeting of the Council held on Wednesday, the president (Mr. W. Deacon) was again in the chair.

Control of Medicines Urged

MR. L. M. PARRY raised the question of the extensive and increasing sale of drugs and medicaments at multiple stores and asked that representations on the matter should be made to the Ministry of Supply, and moved "That the Council, viewing with misgiving the facilities at present available for the distribution through non-pharmaceutical retail establishments of drugs and medicines needed for the hospitals, medical practitioners, and chemists for the treatment of the sick, makes immediate representations, preferably by a deputation to the Ministry of Supply, on this matter."

MR. SAVILLE PECK proposed that a deputation wait upon the Ministry of Supply and that the deputation be composed of the president, vice-president, Mr. Parry, the secretary, and, perhaps, Mr. McNeal.—This was agreed to.

By-laws Approved

The Clerk to the Privy Council wrote communicating an Order in Council approving amendments to the Society's by-laws.

Assistance on Demobilisation

The question of instituting a fund for the assistance where necessary of members and student associates who upon demobilisation might require some help was referred to the War Aid Committee.—The annual report of the North British Branch was received.

Education Committee

MR. G. R. KNOX MAWER, in presenting the Education Committee's report, stated that with reference to late arrivals at examinations it was decided that it would be better to leave the existing practice in operation for the time being and see how it worked. An interesting point regarding the dues of the younger people in pharmacy was raised in correspondence from the Students' Union in Pharmacy. The Education Committee were very anxious that it should have careful consideration and had asked for the preparation of a memorandum to be submitted at next month's meeting.—The reports of the Committee on the Society's examinations in England and Wales and the examinations in Scotland were received and noted and the draft annual report of the Council for 1941 was received. The report of the Committee as a whole was received and adopted.

Establishment Committee

MR. MELHUISH, submitting the Establishment Committee's report, stated that the annual report on research in the College last year, which was received, covered a very large field. With very great regret they had received the resignation of Professor Gaddum. He suggested that a letter should be sent to him expressing appreciation of his services.—This was agreed to and the minutes of the Committee were adopted.

Gratifying Finances

MR. W. S. HOWELLS presented the report of the Finance Committee, which was adopted. Payments of £2,346 by the secretary and £12,911 by the treasurer

were approved. He added that no property damage by enemy action had been sustained. The Council had before them the financial statement for the year ended 1941 and would be pleased with the work of the year. The Publications Department's surplus was £5,000. On their new building their commitments up to date, totalling £145,148, were fully discharged. Their stock exceeded the book value by some £8,000. The general surplus was £3,688 after charging the mortgage interest to revenue. Previously it was charged to capital account.—MR. HOWELLS read a letter from the treasurer stating that he had particular pleasure in presenting the accounts, since the result achieved in the third year of the war was reached without imposing any extra charge upon the members or any fundamental change in the Society's structure. The prompt dealing with the details by every department was a tribute to the quality of the Society's finances. The problem of the new building had been dealt with and they had made every payment upon it up to date. They had made one minor change in charging the interest on loan to revenue and part repayment of the loan itself to capital account. The surplus should be added to the interest paid—£2,225—less the interest on the unused portion of the mortgage—£825. In the result the figure of £6,088 compared with last year's was £1,500 up. Careful work by the staff had led to the result and perhaps the Publications Committee had contributed as much as any. They were grateful to all concerned. He desired to express his own sincere thanks to the staff, who had helped him so generously.

THE PRESIDENT: As the treasurer points out, that after three years of war we should have such a good report is a matter for congratulation and I should like to congratulate the treasurer and the Finance Committee on their very fine work. MR. PARRY: I was amazed. It is extremely satisfactory.—The motion was unanimously carried.

Doubts about Conference

On presentation of the Organisation Committee's report, MRS. IRVINE raised the question of the advisability of holding conferences involving long train journeys for representatives.—MR. PECK moved that the chairman of the Organisation Committee be asked to consult the Conference executive, so that the Organisation Committee might advise the Council at its next meeting.—MR. F. G. WELLS, seconding the motion, said they should carefully consider the matter, sinking their identities as pharmacists and looking upon themselves as citizens in the national crisis. To bring 100 or 150 people to London would not be responding to the Government's appeal to help the war effort.—THE PRESIDENT: The Conference could be held with just the same skeleton machinery as in the year before last.

For and Against Conference

MR. E. SAVILLE PECK: My motion is that the delegates should not be brought to London.—MR. PARRY supported the motion.—MR. WILSON disagreed with the motion because so many of their people had already made arrangements to come. He knew of cases where they had booked their accommodation. It was too late in the day to say that they would not have the Conference.—MR. MELHUISH said that instructions had been given to proceed with the arrangements and if anything was done on the lines of the motion it should be notified at once.—MRS. IRVINE agreed that it was too late to adopt the suggestion. It was not going to be a big function.—MR. APPLETON thought that the matter should be settled now. MR. WILLIAMS strongly opposed any suggestion of cancelling the Conference. To cancel at this late hour would, he believed, cause ill feeling and the loss of the opportunity of hearing what their rank and file pharmacists felt upon a number of important matters.—SIR MALCOLM DELEVINGNE believed that it would create a good impression if they decided to postpone the conference, which was not of vital importance, from the middle of summer till a later date.—THE SECRETARY (Mr. Linstead), in the hope that they could not proceed entirely discourteously to the Conference executive, asked if they could agree to the following:—"It is the opinion of the Council that it is undesirable—(or desirable)—that a branch Representatives' Meeting should be held and that the president be authorised to take a decision accordingly after he has consulted the Conference executive." MR. APPLETON thought that the chairman of the Organisation Committee should also be consulted, and MR. PECK said that he would accept that. THE PRESIDENT said he would see that the two amendments were made.—The resolution was carried, with four votes against. (*See p.* 535.)

Dealing with the Publications Committee's report, which was agreed, MR.

HOWELLS referred to the damage done by enemy action to the offices of THE CHEMIST AND DRUGGIST, at Bath. He said they were glad that THE CHEMIST AND DRUGGIST, in spite of the enemy mischief at Bath, was able to come out only about twenty-four hours late and so complete that no one could see any difference at all in the make-up of the journal. The Committee also reported the exchange of various publications of the Society for Russian Publications with the Russian Union Lenin Library.

Pharmacy Act Registrations

MR. JAMES JACK submitted the Law Committee's report. It stated that 4,197 shops had been registered under the Pharmacy and Medicines Act, 1941.—MR. H. M. HIRST asked how many drug stores' assistants claimed to have served a recognised apprenticeship.—THE PRESIDENT: Not more than fifty.

Dosage as Recommendation

The report contained an opinion of Mr. Blanco-White, K.C., on the Pharmacy and Medicines Act, 1941, with a note by the secretary. MR. JACK said he considered it one of the most important parts of their report. The putting of the dosage on the label was a recommendation which the Law Committee considered as among the borderline cases. It would bring before them many cases and they would have to apply their good sense as to what they thought was beyond the Act and what was on the border-line. It was a fundamental principle that a chemist should have the right to sell medicines with the dosage.—THE SECRETARY stated that on the point whether Mr. Blanco-White had considered the force of the word "any" in front of the words "any ailment of the human body": did it mean any specific named ailment or any ailment? His supplemental opinion was that it meant any ailment in the broadest sense and not any specific ailment, and then he added the caution whether it was desirable to take action. They were now faced with the question of giving advice to manufacturers upon over 100 labels and it was not fair to hold the matter in suspense any longer. So he had put the following together as a draft:—"That manufacturers and wholesalers be informed through their associations that the Society is of opinion, based on the advice of counsel, that in most circumstances a dose on the label of an article makes that article a substance recommended as a medicine within the meaning of the Act and especially for the purpose of Sections 11 and 12." The Society was prepared to express an opinion upon any labels submitted to it. That meant that they did in effect say it was their opinion on counsel's advice that a dose was a recommendation.

MR. HOWELLS thought they should not give advice free. All manufacturers of medicines were not necessarily members of the Society.—THE SECRETARY said they had the responsibility of seeing that unlabelled medicine was not sold. They were not only a prosecuting authority but an administrative society. When the 1933 Act came in they spent much time going down to places and examining labels. They assumed that everyone wished to comply with the law and gave them an opportunity of submitting labels. In 1933 it was a very long job. They would probably have 300 or 400 labels to examine and it would not be such a long job this time.—MR. MCNEAL did not think it was agreed that the label constituted a recommendation.—THE SECRETARY said the manufacturers and wholesalers had received intimation through their society that the Pharmaceutical Society was of opinion, based upon the advice of counsel, that in most circumstances a dose on the label of an article made that article a substance recommended as a medicine within the meaning of the Act. The Society was prepared to express an opinion upon any labels submitted to it.—The proposition that the paragraph replace paragraph B was agreed to and the report was received and adopted.

Chemists and the Home Guard

On the Public Services Committee's report MR. WELLS said he understood that in various areas of England there was compulsory enlistment of exempted men into the Home Guard, and he thought he had seen it stated in the Press that doctors and pharmacists were exempted. Was that true? THE SECRETARY: I think it is clear that pharmacists are not liable.

Derris from Stores

MR. KNOX MAWER said that in his county of Denbigh one of the assistants to the medical officer of health issued a circular recommending people at the clinic to buy derris root and soft soap at a popular store for treatment of scabies.—MR. PECK replied that on the previous day the Committee had decided to take the matter up very firmly with the Ministry of Health.

DEVELOPMENTS IN CERAMIC MATERIALS

MANY materials formerly used in the processing and storing of pharmaceutical products are now in short supply. This applies particularly to steel, aluminium, copper, nickel and other metals which must be largely reserved for the manufacture of armaments. It has thus become essential to find substitutes and alternatives, wherever possible.

Chemical Porcelain

Among materials to which attention has been directed, both here and in the United States, as possible substitutes for metal and rubber equipment, ceramic materials—and in particular chemical porcelain and stoneware—occupy a prominent place. Immense technical strides have been made in the pottery industry since the end of the last war. The physical and chemical properties of both porcelain and stoneware have been greatly improved ; and the fact that these wares can now be produced entirely from native raw materials gives them added significance at the present time. Indeed, so far as ceramic materials are concerned, the word " substitute " is largely a misnomer, since the tendency to use these materials instead of metals, especially where severe corrosion problems were involved, had begun in the chemical and allied industries long before the outbreak of war created problems of supply.

Limitations of Size

Chemical porcelain is restricted in use by limitations of size. It is mostly applied, therefore, in the laboratory and for small-scale plant. Before the last war, all the chemical porcelain used in this country was imported from abroad, mainly from Germany. Today, thanks to the initiative of two famous pottery firms, British porcelain apparatus is available which in mechanical strength, resistance to corrosion, and resistance to thermal shock, is fully comparable with any ware formerly purchased from foreign makers. Among the many types of porcelain equipment now in daily use in pharmaceutical laboratories are crystallising and evaporating basins, beakers, combustion boats, Bunsen burners, centrifuge sets, crucibles, funnels, mortars and pestles, and spatulas. Two recent developments are the manufacture of porous-bottomed crucibles, similar to the well-known Berlin type, and Buchner funnels made in a special heat-resisting ware of unusual mechanical strength, with satisfactory results even under high vacuum.

Chemical Stoneware

Chemical stoneware has the same excellent resistance to acids and other corrosive chemicals as porcelain, with the added advantage that it can be used for full-scale industrial plant. The range of shapes, because of the plasticity of the clays from which stoneware is made, is almost unlimited, and vessels and containers can be designed in any desired size, from a few ounces up to 500 or 600 gallons' capacity. Where still larger sizes are required, acid-proof stoneware tiles are being used to line wood, concrete or metal tanks. In the preparation of pharmaceutical products, stoneware—apart from its excellent resistance to corrosion—offers two outstanding advantages. These are its chemical inertness and its cleanliness. The unfortunate consequences of even the slightest interaction between a chemical or drug and the plant in which it is being processed or stored is too well known to need stressing. Such an interaction is particularly liable to take place where the same vessel is used at different times in the manufacture of more than one product or component. A metal, alloy, or plastic material which will give entirely satisfactory results in one case may fail to do so in another. Stoneware plant, on the other hand, has no effect whatever on the composition of even the most delicate substances nor is it, in turn, affected by any chemicals, with the exception of hydrofluoric acid and hot, concentrated, caustic alkalis. In addition, the smooth glazed surface of stoneware is as easily cleaned as a piece of domestic china, thus ensuring that standard of hygiene which is particularly necessary in the preparation of pharmaceutical products.

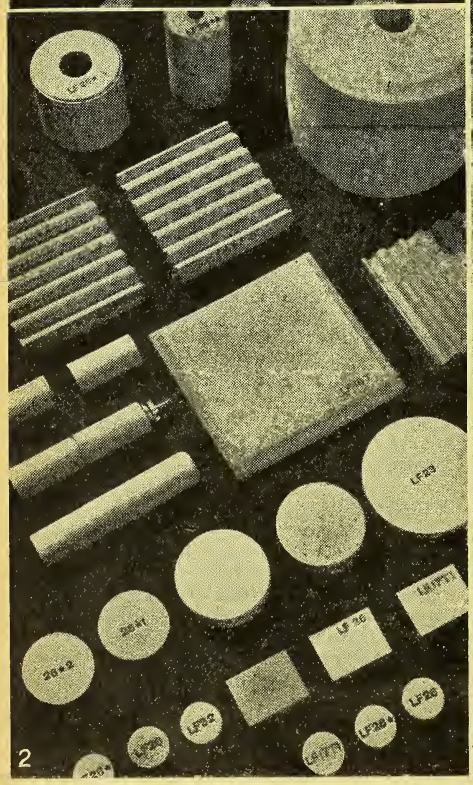
Varieties

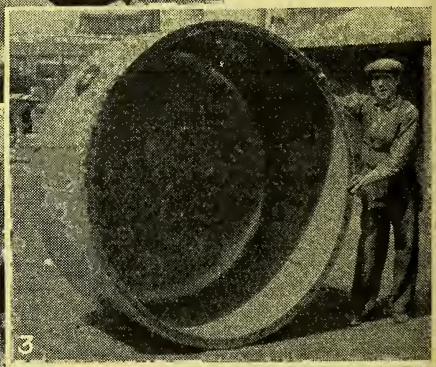
It is, however, no longer correct to speak of chemical stoneware in the singular. Special stoneware " bodies " with entirely different characteristics have been evolved to meet the needs of various industries, and in the United States one maker is understood to produce no less than twenty distinct types. Several varieties are available in this country, including non-porous ; heat-resisting ; thermal shock-resisting ; caustic alkali-resisting ; abrasion-resisting ; and white. These are in addition to the

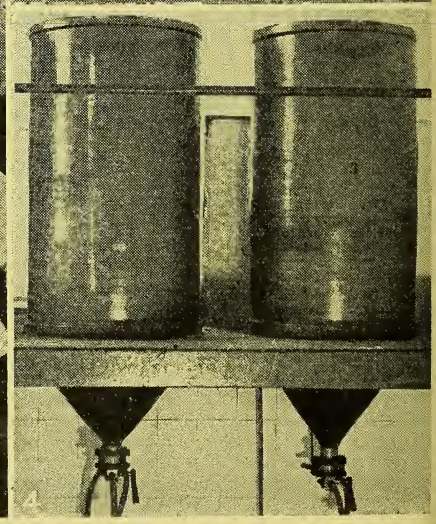
CERAMICS IN THE CHEMICAL INDUSTRY

1. Acid-proof laboratory porcelain-ware.
2. Porous ceramic filtering media.
3. 2000-litre chemical-stoneware pan.
4. Chemical-stoneware containers used in the manufacture of insulin.

Illustrations by courtesy, Doulton & Co., Ltd.







normal brown- and cream-glazed wares ordinarily used where resistance to acids at normal temperatures is alone required.

Strengths

In the last few years, the mechanical strength of stoneware has been improved to an extent which would have seemed almost fantastic to the pottery manufacturer of, say, 1905. Certain types of ware are now available which have a compression strength comparable with that of grey cast iron, and the ultimate tensile strength may now be as much as 7,500 lb. per sq. in., compared with only 710 lb. per sq. in. in 1905. Bending strength and torsion strength have also been greatly improved. It is possible to grind certain types of stoneware plant to exact measurements, and the material may even be worked with hammer and chisel by a skilled craftsman.

Applications

Included in the wide range of stoneware plant which is used in the pharmaceutical chemical industry are tanks, vats, mixing pans, store jars, valves, cocks, pipe-lines, vacuum and pressure filters, stirring apparatus, agitators and centrifugal pumps. In addition, small stoneware cans and bung jars in numerous forms are used for storing both dry and liquid chemicals and ointments. A particularly interesting development is that in many works chemical-stoneware pipe-lines are replacing those of metal. None of the metals in general use for pipe-lines offers the same resistance to all forms of corrosion. Moreover, pottery has the advantage that it is easily cleaned and never needs to be painted. The special type of stoneware used for such pipe-lines has a high resistance to internal pressures, and has been found adequate to meet all normal requirements in this respect.

Sterilisation-Filtration

Filtration plays an essential part in the manufacture of many pharmaceutical products. Sera, hormone and glandular products, vitamins, allergen extracts, quite apart from numerous chemicals, cannot be heat-sterilised without destroying essential properties. For such products, filtration sterilisation is generally the most practicable alternative, and for this purpose filters of unglazed porcelain or diatomaceous earth are widely used. During the last five or six years, a range of British-made acid-proof industrial filters, with a quartz or similar base, have also been evolved to meet somewhat different requirements. These have larger pore-widths than the porcelain type, and for this reason will not prevent the direct passage of micro-organisms, but they are being used to an ever-increasing extent for removing suspended particles of solid matter from liquids or gases, and for separating colloidal matter from liquids. They have an excellent resistance to acids, except hydrofluoric, in all concentrations, and special types are available for dealing with caustic alkalis. Resistance to thermal and mechanical shock is good, and they can be shaped to specific measurements by cutting, sawing or lathing, thus enabling them to be used in vacuum and pressure filters, rotary filters, centrifuges and similar plant. Up to a few years ago, all filtering media of this type were imported from Germany, but they are now being made by at least two British manufacturers and are available in a wide range of porosities, varying from a pore size of less than one micron to one of several hundred microns, according to the nature of the liquid or gas to be filtered.

TRADE MARKS

(From "The Trade Marks Journal," April 22, 1942)

"TROFIES"; for conditioning medicines for animals, in biscuit form (5). By S. P. Rety, 3 Taylor Avenue, Kew, Surrey. 617,687.

"NUHALE"; for medicinal preparations for colds and catarrh (5). By British Chemical Co., 3 Central Chambers, Hendon Central, London, N.W.4. 617,817.

"SEALOPLAST"; for material prepared for bandaging; dressings and plasters for surgical or medical purposes (5). By T. J. Smith & Nephew, Ltd., Neptune Street, Hull. 617,903 (Associated).

"LYFEX"; for veterinary preparations and substances (5). By Phillips Yeast Products, Ltd., Park Royal Road, London, N.W.10. 617,926.

"NEO-MAPHARSIDE"; for pharmaceutical and veterinary preparations (5). By Parke, Davis & Co., 50 Beak Street, London, W.1. 618,075 (Associated).

"ANTRYPOL"; for veterinary substances (5). By I.C.I. (Dyestuffs), Ltd., Wexham Road, Slough, Bucks. 618,139 (Associated).

"BARLEXAN"; for pharmaceutical preparations for human use (5). By Whitfields (Scarborough), Ltd., 113 West Borough, Scarborough. 618,176.

REGISTERED USERS OF REGISTERED TRADE MARKS

Specification No. 606,207 for liquid fertilisers, by Ulvir, Ltd., 27 Burnt Oak Broadway, Edgware, Middlesex.

TRADE REPORT

Spot prices for pharmaceutical chemicals, crude drugs and essential oils represen the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, May 13

THE London drug markets have shown a marked lack of activity this week, which has been almost devoid of interesting features. Merchants, however, report a steady but small consuming trade at prices which have tended to become stabilised at recently-recorded levels. Business continues slack in many products in the PHARMACEUTICAL CHEMICALS section, and prices are quoted in nearly all cases at the levels previously recorded. British makers of ALLOBARBITONE state that adequate supplies are available at unchanged prices. BENZOIC ACID and BENZYL BENZOATE can be had for therapeutic use. IODIDES are steady at makers' prices, but, as noted recently, IODOFORM in crystal form costs more. METHYL SALICYLATE remains in restricted supply, but makers' prices are without alteration. Sales of imported TERPINEOL will be made only to approved users for pharmaceutical purposes. British makers of THEOBROMINE have issued a schedule of prices (p. 553); it is understood that available supplies are limited.

Crude Drugs

Most of the business in crude drugs has come from the home consuming trades. Prices remain firm, with few fluctuations. ACONITE ROOT has tended to rise, on account of the poor supply position. Extremely quiet conditions obtain for AGAR, which is no longer a market article of any consequence. A fair amount of interest is noted in Cape ALOES, prices of which are firm. A steady consuming demand is noted for BENZOIN, and business has been done in material for pharmaceutical use. BUCHU is firm, on account of the shortage of spot supplies. Several substantial export inquiries have been received for CAMPHOR. Only a light demand is noted for CARDAMOMS. It is understood that Lease-Lend supplies of CASCARA SAGRADA have not yet become available. Maximum prices of GINGER have not yet been fixed by the Ministry of Food. GUM ACACIA is dearer for shipment. A rather better inquiry is reported for Matto Grosso IPECACUANHA. Prices of NUTMEGS show a decline. NUX VOMICA has been in good inquiry for manufacturing purposes. No further rise has occurred in PIMENTO. The only alteration among the SEEDS is a small advance in English MUSTARD. The Soya Flour (Control and Maximum Prices) Order and the subsequent amending Order have been amended by the Minister of Food in a new Order defining maximum prices of SOYA FLOUR and prohibiting pre-packing except under licence.

Essential Oils

There are few changes of importance to record. Business has remained quiet. ANISE (STAR) has been in good inquiry, and prices are rather firmer. Some demand has been received for CITRONELLA. The Ministry of Food is understood to have released limited quantities of edible olive oil, which are to be used exclusively for medical purposes. PEPPERMINT has again been in fair inquiry, but supplies are increasingly difficult to find.

Exchange Rates on London

The following were Bank of England fixed rates at the opening on May 13: New York, 4·03 dollars; Montreal, 4·45 dollars; Lisbon, 100 escudos; Stockholm, 16·90 kroner; Zurich, 17·35 francs; Buenos Aires, 17·04$\frac{3}{8}$ paper pesos; Netherlands West Indies, 7·60 florins. The official Madrid rate remains at 40·50 and the free rate at 46·55 pesetas. Chinese national dollar is at $3\frac{1}{16}$d.

Pharmaceutical Chemicals

ACETANILIDE.—Prices are unaltered, as follows: B.P.C. crystals and powder, 2s. 4d. to 2s. 6d. per lb. The supply position is unchanged.

ALLOBARBITONE.—British makers state that supplies are available at about 60s. per lb.

AMPHETAMINE.—British makers' quotations are steady at around 150s. per lb.

BENZOIC ACID.—Fair supplies are stated to be available for medical purposes. The price would be in the region of 2s. 6d. to 3s. per lb., according to quality and quantity.

BENZYL BENZOATE.—Makers state that reasonable supplies may be had for therapeutic purposes. Prices remain at approximately 4s. 6d. to 5s. per lb.

BISMUTH SALTS.—Makers' prices for the two leading salts are as follows: CARBONATE.—Not less than 1 cwt., 8s. 4d. per lb.; 28 lb.-1 cwt., 8s. 7d.; 8 lb.-28 lb., 10s.; 4 lb.-8 lb., 10s. 9d.; under 4 lb., 11s. 3d. SUBNITRATE.—Not less than 1 cwt., 7s. 3d. per lb.; 28 lb.-1 cwt.,

s. 6d.; 8 lb.–28 lb., 8s. 8d.; 4 lb.–8 lb., s. 5d.; under 4 lb., 9s. 11d.

Bromides.—Makers' prices per lb. for cwt. ots of Potassium are as follows: 2s. 9½d. 28-lb. parcels); 2s. 10d. (14-lb. parcels); s. 10¼d. (7-lb. parcels); 2s. 10¾d. (4-lb. arcels); 3s. 0½d. (1-lb. parcels). Prices for odium are at one penny per lb. above these rices, and for Ammonium, threepence per lb. bove.

Glycerin.—Current rates for small quantities re as follows: 1-cwt. drum, 86s. per cwt.; 6-lb. tin, 94s.; 28-lb. tin, 97s.; 14-lb. tin, os. per cwt. All prices are subject to discount f 2½ per cent. for cash in twenty-eight days.

Hexamine.—The present price would be round 2s. 3d. per lb. for free-running crystals, nd 1s. 10d. for ordinary fine, in cwt. lots, acking extra but returnable.

Methyl salicylate.—Supplies are not lentiful, but makers' prices are unaltered at the revious rates: Five cwt., 1s. 10d. per lb.; ne cwt., 1s. 10½d.; smaller lots, in bottles, s. 0½d. per lb.

Phenolphthalein.—Makers' current rates re as follows: Less than 7 lb., 4s. 3d. per lb.; lb., 4s. 2d.; 14 lb., 4s. 1d.; 28 lb., 4s.; cwt., 3s. 11d.

Potassium permanganate.—Makers' quotaons are steady, as follows: B.P. in 1-cwt. rums.—From 1 cwt., 1s. 10d. per lb.; from cwt., 1s. 9½d. Technical, in 1-cwt. drums. From 1 cwt., 170s. 6d. per cwt.; from 3 cwt., 6s.; from 5 cwt., 163s. 6d.; from 1 ton, 161s.; om 4 tons, 158s. 6d. Technical, in 5-cwt. rums.—From 5 cwt., 161s. per cwt.; from ton, 158s. 6d.; from 4 tons, 156s. 3d. Net, elivered nearest railway station in Great ritain, drums extra and returnable.

Santonin.—Convention prices for the home ade are as follows: 15 kilos and over, £46 10s.; ot less than 10 kilos, £47 5s.; not less than kilos, £48 5s.; less than 5 kilos, £50 per kilo, elivered free in the United Kingdom; 1-kilo ackages free.

Theobromine.—Limited quantities of Brith-made material are stated to be available for hich the following price schedule has been pplied:—

	56 lb. to 1 cwt.	28 lb. to 56 lb.	Lesser quantities
	lb. s. d.	lb. s. d.	lb. s. d.
kaloid . . .	44 6	46 0	47 6
dium benzoate .	27 0	28 6	30 0
dium salicylate .	27 10	29 4	30 10
lcium salicylate .	36 9	38 3	39 9

Cases and tins charged extra when supplied.

Vanillin.—Makers' prices remain at the llowing levels: Ex clove oil or guaiacol, five vt., 22s. 6d. per lb.; one cwt., 22s. 9d.; lb., 23s.; less than 56 lb., 23s. 3d., carriage aid in U.K. Tins in cases returnable.

Crude Drugs

Aconite root.—Spot supplies are restricted, and replenishments are not expected. Any remaining small lots of Indian would be worth about 2s. 6d. per lb.

Agar.—The extremely quiet conditions recently noted continue, and business is confined to a few odd bales. For unrestricted Kobe No. 1 the spot price would be in the region of 60s. to 70s. per lb. Small supplies of bacteriological are still offering at between 25s. and 30s., but some holders are asking rather more.

Aloes.—A fair business is reported in Cape with spot prices firm at between 62s. 6d. and 65s. per cwt., according to holder and quality. The forward price of Curaçao is unchanged at about 450s. per cwt., c.i.f.

Antimony.—No change has occurred in the price of English minimum 99 per cent. regulus which remains at £120 per ton, delivered; 70 per cent. crude, for home trade, is steady on spot at £100 per ton, delivered.

Areca nuts.—Spot supplies seem to be exhausted, and no quotations are available.

Benzoin.—A steady consuming demand has been experienced during the week. Sumatra has been selling to consumers for pharmaceutical use at between £12 and £15 per cwt., but users of any unrestricted material would have to pay higher prices. Free almondy, on spot, would be worth about £30 per cwt.

Bismuth metal.—The price of high-grade metal remains steady at 6s. 3d. per lb. for minimum 5-cwt. lots.

Buchu.—Spot supplies are firmly held at about 5s. 9d. to 6s. per lb., according to quality.

Calumba root.—Supplies are restricted. Spot price of any remaining good washed root would be in the region of 160s. per cwt.

Camphor.—A steady consuming demand is again reported, with spot prices to approved buyers as follows: Chinese, B.P., 11s. 6d. per lb.; Chinese crude (92 per cent.), about 10s. per lb.; Japanese slabs, about 11s. 6d. per lb. Restricted quantities of English synthetic, B.P., are understood to be available to approved consumers at 7s. per lb.

Cantharides.—There are no spot supplies and no quotations.

Cardamoms.—Demand is light, and prices are without change, as follows: Aleppy greens, spot, about 5s. 6d. to 5s. 9d. per lb.; shipment, 4s. 4½d., c.i.f. Aleppy seed, spot, about 5s. 9d.; shipment, 5s. 3d., c.i.f. Split seed, spot, about 4s. 9d. per lb.

Cascara sagrada.—Supplies of Lease-Lend material, when available, will be priced at 150s. per cwt., ex store.

Cascarilla.—Supplies of quills are exhausted, but some siftings in dealers' hands would be worth about 2s. 6d. per lb.

Chillies.—In restricted supply, quotations being without change on the week: Zanzibar, spot, 180s. per cwt.; Mombasa, 180s., sellers; Sierra Leone and Sudan, both 175s., duty paid.

CLOVES.—Unchanged. Zanzibar, spot, sellers at 2s. 4d. per lb.; afloat, 1s. 9d., nominal, c.i.f.; Madagascar, unquoted.

COCHINEAL.—Any available spot supplies of grey would be valued at about 5s. per lb.

COLCHICUM.—Indian corms, in restricted supply on spot, would be worth around 2s. 9d. to 3s. per lb.

COLOCYNTH.—There are no spot supplies available to meet the continued demand.

DANDELION ROOT.—Dealers' prices for any small spot supplies of Indian would be in the region of 125s. to 135s. per cwt., according to quality and quantity.

DERRIS ROOT.—The position is unchanged, with some holders still awaiting permission to sell.

DIGITALIS LEAVES.—About 115s. per cwt. would be the present spot price of Portuguese leaves, ex store.

DRAGON'S BLOOD.—Any available spot supplies of fair re-boiled would be worth about £45 per cwt.

ERGOT.—Little interest has been taken in this product. Spot price is at about 7s. 3d. per lb., and shipment, around 7s. per lb., c.i.f.

GINGER.—Quotations are nominal pending the fixing of maximum prices by the Ministry of Food. West African, spot, 190s. per cwt.; Cochin, unwashed, spot, 187s. 6d.

GRAINS OF PARADISE.—The present price of any available small spot supplies would be in the region of 1s. 10d. per lb.

GUM ACACIA.—Unchanged, with unrestricted Kordofan cleaned sorts quoted on spot at about 230s. per cwt., and restricted at about 192s. 6d.; shipment, 72s. 6d. per cwt., c.i.f.

HYDRASTIS.—The price to users of Lease-Lend material will be 22s. 6d. per lb., ex store, with extra for repacking.

IPECACUANHA.—Rather more business is noted this week, especially in Matto Grosso, the spot price of which remains at approximately 17s. 9d. to 18s. per lb., according to test; new-crop is mentioned for May–June shipment at about 16s. 6d. per lb., c.i.f., but shipment dates are difficult to obtain. Minas, spot, B.P., about 12s. to 12s. 3d. per lb.; not quite B.P., about 11s. 6d. to 11s. 9d.; shipment, around 11s. 3d. to 11s. 6d. per lb., c.i.f. Current prices for EXT. IPECAC. LIQ., in winchester quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

JABORANDI.—The current spot price of fair quantities is about 55s. to 60s. per cwt., with increases for smaller lots.

JALAP.—Brazilian, 16 per cent., spot, about 87s. 6d. per cwt.; forward, 62s. 6d., c.i.f., basis 13 per cent.

LEPTANDRA ROOT.—Supplies imported under the Lease-Lend arrangement will be sold to user at 1s. 10d. per lb., ex store.

LOBELIA HERB.—The spot price under the Lease-Lend arrangement is 2s. 8d. per lb., ex store.

MENTHOL.—A moderate demand is reported with holders of Chinese still selling at around 71s. to 72s. 6d. per lb., on spot. A few odd lots of Japanese might be obtainable on spot at approximately 75s. per lb.

NUTMEGS.—Prices show a decline on the week. Current rates are as follows: West Indian sound unassorted, spot, 2s. per lb.; wormy and broken, 1s. 9d.; 90's, 2s. 1d.; 80's, 2s. 4d. Eastern brown, 80's, nominal.

NUX VOMICA.—A rather better inquiry has been noted. Spot price of Cochin, washed and garbled, is unchanged at 37s. 6d. per cwt.; parcel of Cochin afloat is reported offered at 35s. per cwt., c.i.f.

ORANGE PEEL.—Small supplies may be available on spot at around 3s. per lb.

PEPPERS.—Unpicked whole black Lampong, spot, in bond, 5d. per lb.; white Muntok, 8d.

PIMENTO.—After the recent advances, the spot price has remained steady at 2s. 4d. per lb., sellers; shipment, 160s. per cwt., nominal, c.i.f.

PODOPHYLLUM RESIN.—The price to users under the Lease-Lend arrangement will be 27s. 6d. per lb., ex store.

PYRETHRUM.—As noted last week, forward price would be in the region of 105s. per cwt. c.i.f., nominal, but freight is difficult to obtain.

QUASSIA CHIPS.—No spot supplies appear to be obtainable, and replenishments are not expected for some time.

QUILLAIA BARK.—Spot stocks appear to be exhausted, but some supplies are reported fairly near at hand.

RHUBARB.—In moderate demand at about the prices recorded last week.

SARSAPARILLA.—Dealers continue to offer some native reddish on spot at between 2s. 9d. and 3s. per lb., according to quantity.

SEEDS.—ANISEED.—No supplies are available. CANARY.—None available. CARAWAY.—No supplies are available. CORIANDER.—Indian spot, none available at present; English quoted at 220s. CUMIN.—Malta, 165s. to 170s. duty free; Indian, 165s. DILL.—Spot, quoted at 170s. FENNEL.—Indian, spot, 97s. 6d., duty free. FENUGREEK.—Nothing available. MUSTARD.—English, 125s. to 135s., according to quality.

SENEGA.—Inquiry has again been good, but a few bales only remain on spot for which holders are asking 7s. 6d. per lb. It is understood that regular importers are unable to obtain import licences at present.

SENNA.—Unchanged. Alexandrian medium hand-picked pods, about 4s. 6d. to 5s. 6d. per lb.; Alexandrian leaves, broken, about 1s. 4d. per lb.; Tinnevelly pods, 1s. 3d. to 1s. 5d. per lb. for selected and about 8d. per lb. for f.a.q.

SHELLAC.—Quiet. Spot, standard TN orange, 200s. per cwt., value; shipment unquoted. Pure button, unquoted; fine orange, 240s. to 290s. quoted.

SOYA BEAN FLOUR.—The Minister of Food has made an Order amending the Soya Flour (Control and Maximum Prices) Order, 1941 (*C. & D.*, December 20, 1941, p. 377) and consolidating this Order and the amending Order of January 20, 1942 (*C. & D.*, January 31, p. 55). The new Order, which came into force on May 11, defines the maximum price for soya flour as being £33 5s. per ton gross weight ex mill or wharf, when sold in quantities of 28 lb. or over. From May 11 the pre-packing of soya flour is prohibited except under licence, and the Order prescribes a maximum retail price for pre-packed soya flour of 10d. per lb., net weight. The Order also provides for the prescription of maximum retail prices for soya flour mixtures.

SQUILL.—Adequate supplies are available on spot at prices ranging between 75s. and 90s. per cwt., according to colour.

STRAMONIUM LEAVES.—About 100s. to 105s. per cwt. would represent the present spot price asked by dealers for Indian leaves.

STROPHANTHUS SEED.—The spot price of 100 per cent. Kombé seed would be between 10s. 6d. and 11s. per lb., according to quantity.

TONKA BEANS.—Spot stocks are restricted, but prices are unchanged at from 6s. 6d. to 8s. 9d. per lb. for any remaining supplies.

TRAGACANTH.—Unchanged. Current values of the principal medium grades are as follows: No. 1, white, £135; No. 2, white, £125; No. 3, white, £100; pale leaf, £90; amber leaf, £70; red and brown leaf, £45; red leaf, from £40; woody and hoggy, from £20, ex store.

TURMERIC.—Madras finger is quoted on spot at 72s. 6d. for sound quality, and at 2s. 6d. less for wormy.

VALERIAN ROOT.—Indian root on the spot is quoted at 110s. to 120s. per cwt.

WAXES.—Prices of these items are without change. BEES'.—Nominal on spot at 295s. per cwt.; in bond, no quotations; Dar-es-Salaam, no quotations; Japanese, 340s. CARNAUBA.—Fatty grey, 520s., nominal; chalky grey, 515s.; Primeira, 600s. per cwt.

WILD CHERRY BARK.—The spot price under the Lease-Lend arrangement will be 9d. per lb., ex store, with extra for repacking.

Essential and Expressed Oils

ANISE (STAR).—Good inquiry has been experienced. Drums, spot, about 49s. to 50s. per lb.; tins in cases, from 51s. to 52s. 6d. per lb., according to seller.

BAY.—Any available supplies on spot would be worth about 10s. to 12s. per lb.

BERGAMOT.—The price of any remaining supplies would be a matter for negotiation, around 100s. per lb. being a basis.

BOIS DE ROSE.—Quoted on spot at about 35s.

CAJUPUT.—Firm and unchanged at around 15s. per lb. on spot.

CANANGA.—Spot value remains nominal at about 60s. per lb. with supplies increasingly difficult to find.

CASSIA.—There are no stocks on spot, and no quotations can be obtained.

CEDARWOOD.—Spot value is nominal at 6s. 6d. per lb.

CITRONELLA.—In fair demand. The spot price of Ceylon remains firm in the region of 16s. 3d. per lb. Java would be worth approximately 19s. upwards per lb.

CLOVE.—No change has been notified by English distillers in price of about 15s. 6d. to 18s. per lb.

EUCALYPTUS.—Spot prices are steady at from 5s. 9d. to 6s. per lb. for 70 to 75 per cent. oil, but higher rates would be paid for small lots.

GERANIUM.—Prices nominal and a matter for negotiation.

GINGERGRASS.—Supplies are available on spot at around 25s. per lb.

GROUNDNUT.—The official price of refined deodorised is without change at £44 10s. per ton, naked ex works.

LAVENDER.—Good-quality oil would be worth approximately 85s. per lb. on spot.

LEMONGRASS.—Firm and unchanged at approximately 18s. 6d. per lb. for spot oil.

LINSEED.—Crude oil is officially quoted at £41 10s. per ton, naked ex works.

OLIVE.—The Ministry of Food is understood to have released small supplies of edible olive oil, to be used exclusively for pharmaceutical purposes. Allocations are being made to wholesalers at 19s. 9d. per gallon of 9 lb. on the specification "edible olive oil, B.P., under 1 per cent. acidity." Chemists requiring supplies should apply to their usual wholesalers. It is stated that sales to the public will only be made on a doctor's certificate.

PALMAROSA.—Spot, steady at about 35s. per lb.; shipment, about 27s. per lb., c.i.f.

PATCHOULI.—Spot values are nominal at 70s. per lb.

PEPPERMINT.—Inquiry has again been good, but spot supplies are extremely difficult to find. Prices are unchanged.

PETITGRAIN.—Spot, if available, would be worth approximately 25s. per lb.

ROSE (OTTO).—About 300s. per oz. would be the spot value of any available supplies.

SANDALWOOD.—Genuine East Indian Mysore remains at 30s. per lb., for delivery in one-case lots. Australian would be at about 28s. 6d.

SPEARMINT.—Small supplies on spot would be worth about 27s. per lb.

THYME.—The spot price of medium-quality oil would be in the region of 16s. per lb., but higher phenol-containing oils would be dearer.

WORMSEED.—Spot price is nominal at 25s.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Appreciations

May I just state how much I greatly regretted learning from the *C. & D.* that you had suffered from enemy action during the raids on Bath, but am pleased that all the members of the staff escaped injury, and I should like to congratulate you upon producing the *C. & D.* as usual.—E. D. O., Middlesbrough.

I have come to the conclusion that nothing—absolutely nothing—can stop the unfailing regularity of the *C. & D.*'s arrival. The effort behind your issue dated May 2 must have been tremendous, and far from offering you sympathy, I send you a sincere expression of admiration for the fine way in which you have surmounted every obstacle.—C. W. T., London.

It is with the greatest regret that we have learnt of your misfortune on the occasion of the recent "blitz" on Bath. We can well imagine the extremely difficult conditions under which you are now working, and must congratulate you on the enterprise and energy which have enabled you to bring out the current issue of your journal so promptly. At the same time, we wish to give expression to our sympathy with you in the loss you have sustained, and trust that before very long you will again be working on new premises under more normal conditions.—C. M. B., London.

Prescriptions Manhandled

SIR,—Startling news is imparted in your editorial article on p. 519. It there appears that in the view of the Board of Trade "a doctor's prescription [for a calamine lotion] is not regarded as necessarily warranting supply outside quota, but the Board would be prepared to consider separate applications on their merits." Last August you recorded the issue of an Order providing that liver extracts shall be administered only in cases of pernicious anæmia or other megalocytic anæmias, and then only by injection. It occurred to me at the time that the medical profession would acquiesce with great reluctance in so drastic a limitation of its freedom: the new ruling introduces another kind of restriction, and I shall be surprised if the profession accepts it without an energetic protest. In effect it means that calamine lotion, of any formula, can only be supplied on prescription with the consent of the Board given case by case; this draconian decree must, in the absence of further information, be interpreted as applying equally to prescriptions dispensed in pharmacies and to those dispensed in doctors' surgeries. There was no Board of Trade in 1660, when Sir Harbottle Grimstone's Book of Rates included lapis calaminaris among the "drugges": the physicians of that age—Sir Thomas Browne, for instance—would have been astonished to hear that a suspension of the drug in an aqueous medium was a toilet preparation which could not be dispensed without application to a Government department, and that even supplies to hospitals could only be released under licence. It is one thing to decide that calamine lotions of unknown formula should, for the duration of the war, be classed as toilet preparations; it is quite another thing to put on the same level lotions prepared to a formula appearing in a recognised book of reference or originated by a registered medical practitioner.

Yours faithfully,
ADEST.

MISCELLANEOUS INQUIRIES

Hair Varnish.—*S.D.*—The following will give you a preparation of the type you refer to:—

Resin	10 gm.
Gum benzoin	20 gm.
Alcohol	70 gm.
Perfume	q.s.

Ricinoleate Tooth-paste.—*H.E.J.*—It is claimed that the following paste is of high bactericidal power, particularly for the streptococcus-pneumococcus group, and especially of value in pyorrhœic cases:—

Sodium ricinoleate ..	2 per cent.
Sodium chloride	2 per cent
Calcium carbonate	
Glycerin	
Gelatin	
Flavouring, of each ..	a sufficiency

Hæmaturia Tests.—*C.R.*—The tests for the detection of blood in urine to which you refer are as follows:—

BENZIDINE.—Add about ten drops of a fresh, strong solution of benzidine in glacial acetic acid to 1 c.c. of 3 per cent. hydrogen peroxide (10 vol. O_2 per 100 vol.). Add 1 c.c. of urine and mix well. If blood is present the mixture turns dark blue.

AMIDOPYRINE.—Mix about 2 c.c. of urine with an equal volume of 5 per cent. amidopyrine in alcohol. Acidify with two drops of glacial acetic acid. Add two to four drops of 3 per cent. hydrogen peroxide. Mix. If blood is present a lilac colour develops.

One of the oldest and best-known "fine quality" products in Pharmacy

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of

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The exquisite creation of a famous parfumeur . . . the delicate fragrance of a costly soap. Trace their perfection to an Indian hill-slope. To a small evergreen tree in Mysore—the Mysore sandalwood whose oil is the heart of perfect perfume. Nowadays Mysore sandalwood oil is produced under Government supervision by the methods of modern science. Mysore sandalwood oil contains a guaranteed minimum of 90% pure Santalol.

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The latest paper control order has brought home to everyone how precious paper and board have become. We have always pointed out to chemists the importance to their own interests of using display material to the best advantage.

Now it has become a matter of vital concern to the nation. **Existing stocks of showcards, stickers, etc., must be made to last.** They cannot be replaced. Will you please help us by making the most of any 'ASPRO' showcards or stickers you already have. **You will be doing the best possible service to your own business at the same time.**

So remember: **a continuous 'ASPRO' show** will capitalise for your shop the vast 'ASPRO' goodwill created by our advertising campaigns—just as though you paid for the advertisements yourself.

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EFFECTIVE IN ALL NERVOUS AFFECTIONS

Famous for 70 years in the treatment of

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ombines the powerful anti-parasitic properties of a new synthetic compound—
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rface-activated sulphanilamide. For external and internal use. The most diffusible member of the sulphanilamides through dead tissue.

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New specific treatment for Bacillary Dysentery

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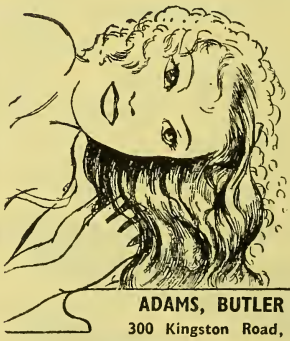

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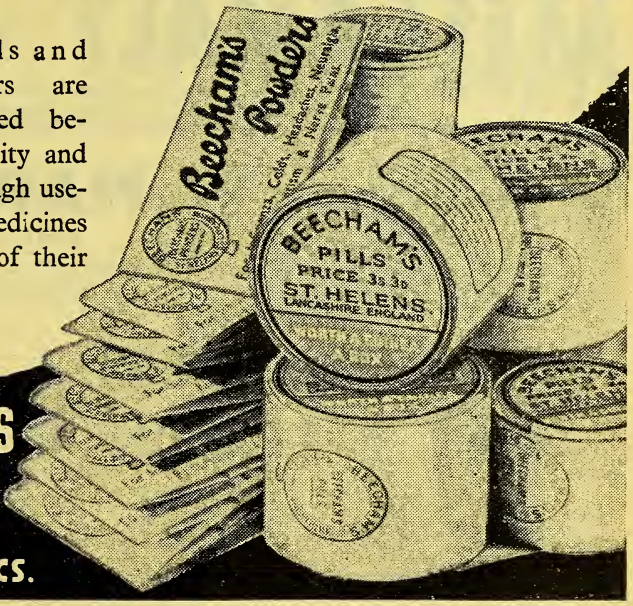
Beecham's Pills and Beecham's Powders are universally accepted because of their purity and reliability. Their high usefulness as HOME medicines is a true measure of their merit.



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ST. HELENS, LANCS.

Vitamin C Deficiency

In Ribena Blackcurrant Syrup, the physician has a rich natural source of vitamin C to meet the requirements of children and adults —accentuated as the requirements now are by the shortage of so many imported fruits.

The vitamin C content averages 24 mgs. per fluid ounce, approximately twice the amount in fresh orange juice. Ribena is gradually matured before sale, and in consequence the Cane Sugar naturally inverts to the more digestible Glucose and Fructose. Government demands for Blackcurrant syrup and puree for children have inevitably reduced the available quantity of Ribena, but arrangements have been made to continue its supply on medical prescription.

One size only: 13-oz. bottle 2/3.

RIBENA

BLACKCURRANT SYRUP

MADE BY H. W. CARTER & Co., Ltd., The Old Refinery, BRISTOL, 2
WHO ARE ALSO APPROVED MANUFACTURERS OF NATIONAL ROSE HIP SYRUP
Established over 100 years.

CARTERS *for* VITAMIN FRUIT SYRUPS

MILLAMALT

The TONIC MALT FOOD

With Guaranteed Complement of Vitamins A, B, C &

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CASTLE BRAND
FRUIT PRESERVING SOLUTION
(Made to the Campden Formula)
A 1/8 bottle preserves 28 lbs. of Fruit without the aid of sugar or heat
SELLS ON SIGHT SHOWS GOOD PROFIT
ORDER IMMEDIATELY FOR SUMMER DELIVERY
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MIDGLEY & PARKINSON, LTD
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HE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY DENTICAL WITH THAT OF PRE-WAR PREPARATION

ecause of our heavy purchases immediately before war broke out. Our stocks e still considerable and the high MBL standard will be fully maintained.

HERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

		Retail Price	CHEMISTS' PRICE Per unit			CHEMISTS' PRICE Per dozen		
		(Inclusive of Tax)	Net	+	Purchase Tax	Net	+	Purchase Tax
ANTIPEOL								
OINTMENT	4 oz. tube	6/8½	4/2½	+	8½	50/5	+	8/5
	40 gr. ,,	3/4½	2/1½	+	4½	25/3	+	4/3
	20 gr. ,,	1/10½	1/2	+	2½	14/–	+	2/4
LIQUID	40 c.c. bottle	3/4½	2/1½	+	4½	25/3	+	4/3
OPHTHALMO-ANTIPEOL								
20 gr. Nozzled tube		3/4½	2/1½	+	4½	25/3	+	4
RHINO-ANTIPEOL								
20 gr. Nozzled tube		2/9½	1/9	+	3½	21/–	+	3/6
ENTEROFAGOS (ORAL AND INJECTABLE)								
Box of 50 ampoules		19/–	13/3½		None	159/7		None
,, 10 ,,		4/3	3/–		None	35/8		None
,, 5 ,,		2/6	1/9		None	21/–		None
DETENSYL								
Tin of 500 tablets		39/–	24/–	+	4/–	288/–	+	48/–
Tube of 50 ,,		4/5½	2/8½	+	5½	32/4	+	5/5
ST. JAMES' BALM								
Tin of approx. 2½ ozs.		2/10	1/11	+	4	22/6	+	3/9
,, ,, 1 oz.		1/5	11	+	2	11/3	+	1/11
Tube		1/2	9	+	2	9/–	+	1/6

Carriage paid on all orders of 1 dozen or £1 and over.
Terms: NETT, monthly account.

EDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25

"OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutic preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

For PERNICIOUS ANÆMIA

OXO LTD'S

LIVER EXTRACT

FOR INJECTION (I.M.)

The potency of "OXOID" Brand Liver Extract for Injection in the treatment of Pernicious Anæmia is guaranteed.

The usual maintenance dose is 2 c.c. injected at weekly or fortnightly intervals. Dosage for emergency use is 4 c.c. for the first day and 2 c.c. on alternate days.

SUPPLIED IN AMPOULES OF 2 c.c. AND BOTTLES OF 10 c.c. AND 20 c.c.

Ampoules: 6 (6/6); 12 (12/6); 50 (48/-); 100 (92/-).
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Literature supplied on application.

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This water is taken direct from the Springs at Bath, Britain's Premier Spa, and sold in still or aerated form.

SULIS

THE BRITISH MINERAL WATER

Prices, discounts and full particulars from:
CATER, STOFFELL & FORTT, LTD., The Springs, BA

In spite of Rationing

we will continue to give an equitable quota to everyone, and if one of our travellers has not called during the last six months (due, doubtless, to petrol difficulties), any pre-war purchaser is at liberty to claim his quota by writing to

Simpkins

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Despite constantly increasing manufacturing costs and overhead expenses, efficient production of vitally necessary drugs and biochemicals has enabled us to maintain pre-war retail prices and even to effect

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in the case of most of our vitamin preparations and of 'Prostigmin.' In your own interest and that of your customers these concessions made by us should be passed on to the general public and our friends in the retail trade are advised to apply for a copy of the new

'ROCHE' VITAMINS PRICE LIST

The 'Roche' Vitamins Price List gives retail prices and purchase tax when applicable and gives brief particulars of certain interesting new preparations: 'Benerva' Compound Tablets, 'Ephynal' Forte Tablets (Vitamin E), and 'Synkavit' Tablets and Ampoules (water-soluble Vitamin K analogue).

ROCHE PRODUCTS LIMITED, Welwyn Garden City, Herts

PLESOX

The STOMACH TREATMENT
Not only a temporary relief

for

INDIGESTION

and other

STOMACH AILMENTS

RETAILS AT

2/3, 4/2, 6/8

INCLUDING PURCHASE TAX

Sales possibilities of PLESOX have been tested in the past few years both by national advertising and direct mail propaganda and have given most satisfactory results in the form of many repeat orders and recommendations by satisfied users. In this way the undoubted value and ready acceptance of PLESOX has been established beyond doubt. Future sales of PLESOX are to be conducted through High Class Chemists. National advertising will bring many enquiries to you. Apply immediately for freely distributed descriptive pamphlets, window bills, and attractive counter display packs. Special offer for initial order.

Manufactured by

GRANTO LABORATORIES LTD., 108 MORTLAKE ROAD, KEW, SURREY

IMPORTANT

A MESSAGE TO OUR CUSTOMERS

Every bottle of Owbridge's Lung Tonic supplied by us will, after May 8th, 1942, bear the formula on the bottle label.

Will our customers please oblige by seeing that all old stock is disposed of first.

We shall be pleased to supply new labels for any old stock left on hand at June 30th, to avoid the necessity of returning same to us for re-labelling.

Owing to the shortage of raw materials supplies are restricted. We thank our friends for their patience and forbearance in these difficult times.

W. T. Owbridge, Ltd., The Laboratory, Hull

Vironita

THE SALES OF VIRONITA INCREASE DAILY and the demand has almost grown beyond our manufacturing resources. However we are doing our best and are maintaining regular supplies to customers

If you are having difficulty in obtaining stocks or would like attractive display material write—

M. CALTHORPE & CO., 29 East Parade, LEEDS

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

MAY 16 1942

28 ESSEX STREET, LONDON, W.C.2

CLASSIFIED SUPPLEMENT ADVERTISEMENTS

All classified advertisements must be prepaid—those not accompanied by remittance will be held over pending payment. Advertisements received after FIRST POST WEDNESDAY of week of issue will not be inserted until the following week.

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7/6 for 36 words or less, 2d. for every additional word.

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Chemists are permitted to make Proprietaries (including Cosmetics) for Retail Sale at the rate of £41 13s. 4d. per month, (Board of Trade Order, S.R. & O., 1941, 1686). We can supply the raw materials, including Essential Oils, Colours, Packings and Instructions for the manufacture of the following:—
5 lb. FACE POWDER, 20/6, tax 13/8, all.
5 lb. BATH TALCUM, 12/6, tax 8/4, all.
1 lb. ROUGE POWDER, 20/6, tax 13/8 all.
Terms: C.W.O. or C.O.D. 1/- extra.

HARMAN DIETETIC LABORATORIES, LTD.
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GRINDERS & PULVERISERS
TO THE TRADE . . . All Commodities
We offer Competitive Prices, Efficient Service
Prompt Deliveries . . Enquiries invited
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S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—
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Fragrant Tonic Hair Cream
"Makes the Hair behave"
Prepare your own supplies of this high grade cream, easy to make up, costs less than 1d. per oz. All materials available, including smart gold seal labels. B.P. Castor Oil, Agar Agar, Gum Tragacanth, Emulsifying Wax, Beeswax, Ceresine Wax, Spermaceti, Bottles, Screw caps and corks. Send for List.
BRITISH COMMERCIAL CHEMICALS AND SUPPLIES,
4 Cavendish Place, London, W.1
LANGHAM 1183

OFFERED
Talc, Super White, 200-lb. bag, **60/-; Zinc Oxide,** B.P., 56 lb., **25/-; Stearate,** cwt. 2/3 lb.; **Gum Trag. Pulv.,** B.P., 28 lb., **7/6, 9/9, 13/9, 18/3, 21/9, 26/9** lb.; **Stearine Powder,** cwt. 2/3 lb.; **Block,** cwt. 2/3 lb.; **Spermaceti,** Opt. White, 60-lb. box, 2/3 lb.; **Kaolin,** B.P. Opt., cwt. **25/-; Liquid Soap or Shampoo,** 5-gall. Drum, 40/- ea. (Tax Paid); **H.P. Alex Senna Pods,** 10-lb. bag, 5/6 lb.; **C.W.O.** Also **Gumkaraya Pulv.; Wakes,** all Kinds; **French Chalks; Cret. Praecip.; Menthol; Oils; Soap Powder** and **Bar; Gum Acacia** Opt. Cwt. Prices on application. Special W/sale Prices.
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Liquid Stocking Colour, beige, tan, gunmetal, 8s. lb.; mono containers for same, 2s. doz.

4 lb. Genuine Sulphonated Lorol and 200 Shampoo Envelopes, 34s., post free.

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109 Broadway, Cricklewood, N.W.2

Earn Additional £5 per week

Representatives, calling on Medical Practitioners, required to carry, as additional lines, well known, widely advertised Ethical Products for sale direct to the Profession.

Generous commission (no expenses) capable of producing £5 per week to an active salesman.

State in confidence past experience, territory covered and lines now handled.

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Tablet Manufacturers are in a position to accept Contracts or Sub-Contracts for tabletting (including Saccharin), in large or small quantities. Own materials tabletted, also to your own formulæ. Packing facilities available and prompt delivery assured. Competitive price. Send enquiries CDB/1005 London Office of this Paper.

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Mixed lengths 1/9 lb. Original bags of 120 or 140 lb. at 1/6.
All cash with order. Minimum carriage paid lot 8 lbs. for 14/-.

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ALL PHARMACY FITTINGS. New and Secondhand

—From the single unit—
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Write, Phone or call

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PATENTS

7/6 for 36 words or less, 2d. for every additional word.

IT is desired to secure the full commercial development in the United Kingdom of BRITISH PATENT NO. 484,228, which relates to a Germicidal preparation, either by way of the grant of licences or otherwise on terms acceptable to the Patentees. Interested parties desiring copies of the patent specification and further particulars, should apply to Stevens, Langner, Parry & Rollinson, 5 to 9 Quality Court, London, W.C.2.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional wo d

None of the advertisements below relates to a woman between 20 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort.

(RETAIL HOME)

CAPABLE Assistant or Junior, male or female, exempt, for Dispensing and Galenicals; some counter. Nathl. Smith & Co., Montpellier, Cheltenham.

DISPENSER (Qualified or Unqualified) required by private firm of high class Dispensing Chemists in a South Berkshire reception town of 20,000 inhabitants. Permanency, good salary, short hours, excellent working conditions; able to start duties in 2–3 weeks. 403/760, London Office of this Paper.

GUY'S HOSPITAL, S.E.1. Assistant Pharmacist required immediately, salary £266 per annum, rising. Temporary appointment for duration of war, with possibility of permanency. Apply by letter only, stating experience and references to Chief Pharmacist, Guy's Hospital, London, S.E.1.

LEWIS & BURROWS have vacancies for Summer Relief Assistants, men and women, qualified and unqualified. Apply 146 Holborn, E.C.1.

MANAGER wanted for high class Pharmacy with large photographic connection. Staff of twelve, Good salary for capable man. Arthur Enock, Ltd., 201 Linthorpe Road, Middlesbrough.

M.P.S., elderly, required for Dispensing. Permanency; S.W. London; easy hours and work or would consider one wishing to invest a small sum. Please state salary required, etc. CDB/1049, London Office of this Paper.

QUALIFIED and Unqualified Assistant (either sex —and exempt Military Service) for Dispensing and Counter in busy high class Pharmacy. Please apply giving full particulars to J. R. Cave (1922), Ltd., 52 Nevill Street, Southport.

QUALIFIED Lady or Gent required for London, S.W.; congenial post; light duties; no Sunday or holiday duty. Full particulars to 403/758, London Office of this Paper.

QUALIFIED Chemist (male or female) required as Branch Manager. Permanency. State age, experience, salary required, and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich.

QUALIFIED Manager, over military age or exempt, London E.11 area—live business. Living accommodation. Apply, giving fullest particulars, and salary required. 119 Marine Parade, Leigh-on-Sea, Essex.

TAYLORS BRITISH CHEMISTS have vacancies for Qualified Managers and Assistants in Glasgow and other parts of Scotland. Please give full particulars in first letter, stating best time and day for interview, to Austin, 1 St. Enoch Square, Glasgow, C.1.

TAYLORS BRITISH CHEMISTS will shortly have vacancies for Qualified Managers and Assistants, male or female in Birmingham and Midlands, Tipton, Huddersfield, Houghton-le-Springs, Stanley, Leeds, Hemsworth, Sheffield, Hull. Apply Retail Staff Dept., Leeds.

THE Abersychan and Pontypool Co-operative Society, Ltd., invite applications for position as Qualified Chemist (male or female). Apply by letter, stating age, experience, qualifications, etc., to: General Manager, Hanbury Road, Pontypool, Mons.

UNQUALIFIED Assistant (male or female) required. Dispensing and Counter, permanency. No Sunday or half holiday duty; give usual particulars and salary required. Graham, 10 Station Parade, Willesden Green, N.W.2.

SURREY COUNTY COUNCIL

Public Health Department

PHARMACIST required at :—
(i) Epsom County Hospital, Dorking Road, Epsom.
Male applicants for the post may only be appointed for the duration of the war in the first instance.
(ii) Farnham County Hospital, Hale Road, Farnham.
The position is temporary for the duration of the war. Candidates must hold M.P.S. or Ph.C. qualification and have had a wide dispensing experience. Salary—£250—10—£300 per annum plus war bonus.
ASSISTANT PHARMACIST (Temporary for duration of the war) required at :—
(i) Redhill County Hospital, Earlswood Common, Redhill.
(ii) St. Helier County Hospital, Wrythe Lane, Carshalton.
Candidates must hold M.P.S. or Ph.C. qualification. Salary—£225—10—£275 per annum plus war bonus. Applications should be addressed to the Medical Superintendent of the Hospital at which an appointment is desired.

UNQUALIFIED—a vacancy exists for unqualified Assistant (either sex) in high-class private Dispensing Business (no N.H.I.). Good salary, permanent post, congenial work. Ministry of Labour permission has been obtained authorising change of employment of Assistant of any age. Deferment will be applied for. Applicants must have dispensing experience. B. Salter & Son, 34 Castle Street, Shrewsbury.

ANTED. Qualified Chemist as Locum for period June 15th to August 22nd, 1942. Applications dham Industrial Co-operative Society, Ltd., King t, Oldham.

NTED. Three Qualified Pharmacy Branch Managers, male or female (males must not be for military service, and females must be over ars of age). The positions are for the duration War only. Applications stating age, experience wages required to be addressed to the Secretary, horpe Co-operative Society Ltd., 180 High Street, horpe.

R-TIME Managerial Vacancies. The Scottish Co-operative Wholesale Society Limited, Retail Department, 187 Bogmoor Road, Shieldhall, ow, S.W.1, have vacancies for duration in various of Scotland for Male (over military age) or le Qualified Chemists; also unqualified assistants. by letter, stating age, experience and salary red.

LOCUMS WANTED

ALIFIED Locum for June and July. Good hours. No duties on Sunday or early closing day. Full ulars to G. B. Osborne, 118 Broad Street, Reading.

ALIFIED Locum, lady or gentleman, required for any fortnight in July or August. Please give nces and salary required, to Huggins & Gee, Ltd., fleet, Lincs.

WHOLESALE

ALYTICAL and/or Research Chemist—Manufacturers and Distributors of large range of Food cts require immediately experienced Chemist for nent position of responsibility. State experi- qualifications and salary required. 402/747, on Office of this Paper.

APPLICATIONS are invited for a position in the Publicity Department of an important Pharmaceutical House. Experience required in design of layouts for Journal announcements and mailing literature. Knowledge of Pharmaceutical Trade an advantage. Applicants should not be liable for military service and should state previous experience and salary required. 403/766, London Office of this Paper.

EXPERIENCED TABLETTER with thorough mechanical knowledge of tabletting machine wanted by important pharmaceutical manufacturer near London. Salary to the right man up to £10 per week. Write, giving full particulars of past experience, to Box 499, Smiths', 100 Fleet Street, London, E.C.4.

REPRESENTATIVES—First Class connexion Chemists; wanted for two territories. 1. S. Wales and West Country. 2. Northern Counties England. Old established Pharmaceutical House. Nationally advertised products; high rate commission; permanent. Write, stating past experience. Present lines carried, territory covered. 403/764, London Office of this Paper.

SALESMAN with Pharmaceutical connexion in South Wales area required to sell advertised proprietary on salary, commission, and expenses basis. Only those with first class credentials need apply, giving fullest particulars to Box 403/765, London Office of this Paper.

STOCK ROOMS. Burroughs Wellcome & Co. have several vacancies in their new stock rooms for packers and porters, men and women. The positions are permanent, progressive and pensionable. Applicants should be exempt from military service and should apply either personally or in writing, giving full particulars of experience, salary required, etc., to Reference D.R., 183 Euston Road, N.W.1.

WANTED—Qualified Works Manager for Midlands firm. Must be experienced in the manufacture of all types compressed Tablets and Pills. Apply CDB/1048, London Office of this Paper.

WANTED, Storekeeper for receipt, despatch and distribution of fine chemicals with progressive firm in the North. Applicants must state experience, qualifications and salary required. 403/763, London Office of this Paper.

WHOLESALE Manufacturing Chemists require Qualified Chemist for duties as Works Manager, exempt Services and prepared to drive, travel, collect and deliver goods when necessary. Reply, age, salary and present position. 403/768, London Office of this Paper.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

BELZEMA Ointment wanted. Will any Chemist who has a supply of this in stock, please communicate at once, stating price, in order to avoid delay, to Taylor, 119 Stanwell Road, Ashford, Middx.

HAND Tube-filling Machine required, also Tube closing Machine. 403/769, London Office of this Paper.

LACTOSE B.P. WHITE wanted in quantities of 56 lbs. upward for (*a*) Cash; or (*b*) Part Cash payment and F/S Sacch. Tab. Replies to M.P.S., 38/40 Church Street, Radcliffe, Lancs.

MANUFACTURING Chemist urgently requires Granulating Machine, 28 lbs. to 1 cwt. capacity. Send full particulars, 403/774, London Office of this Paper.

NATIONAL Distributors require supplies of Ammoniated Reagent (Solution) in drums. Interested Manufacturers, small or large, please write Aristol Products, 398 Beverley Road, Hull.

OILS or Fats and Glycerine, also Block Stearine wanted. Box 56, Pool's, Brettenham House, Lancaster Place, W.C.2.

PROPRIETARY Article. Advertiser would like to purchase established proprietary article, or would consider controlling interest. All replies will be acknowledged and treated in confidence. 403/761, London Office of this Paper.

REQUIRED. Residuary, waste and by-products or unrequired stock, if difficult to dispose of. Send details. 403/767, London Office of this Paper.

SURPLUS Stocks Chemicals, Essential Oils, Synthetics, Stearine, Pharmaceuticals, Waxes, Solvents, Apparatus, Packing Materials, etc.; also Tartaric and Citric Acids, Glycerine. Large or small quantities. Lab., 172 Bedford Street, Liverpool 7.

WANTED by England's largest photographic dealers, All Miniature Cameras, extra lenses and accessories, Rolleiflex, Leica, Contax, Ikontas, etc.; also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

WANTED—Any quantity—Sulphonal, Methyl Sulphonal, Theobromine, Dimethylamine, Caffeine, Phenacetin, Phenyl Ethyl Alcohol. Offers to 402/745, London Office of this Paper.

WANTED by Wholesale firm, Job lots of Glass Jars, Medical and Perfume Bottles, samples to 37 Lewisham Road, London, S.E.13.

WANTED—Small autoclave, 1 to 3-litre capacity, to stand about 250° C. and 750 lb. with or without stirrer. Offers to 402/746, London Office of this Paper.

WHOLESALE Manufacturing Chemists require Water-Jacketed Grinding Mill for production of Lipstick. Capacity about 1 cwt. Early replies appreciated. 403/756, London Office of this Paper.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

AMBER Winchesters with Bakelite Screw Caps 80-oz.—Surplus stock ex manufacturers' works at 110s. per gross C.P. Packages extra. Simpkins, Hunter Road, Sheffield. 'Phone 43036.

BOTTLES: 1 oz. Oval, ribbed one side, with metal screw cap 2/3 doz.: 4 oz. Toilet flat with black bakelite cap 4/6 doz.; 1 drachm tall fancy perfume bottle with cork mouth, cork supplied 1/2 doz. The above are not sprinkler necks. Cash with order. Carriage forward. H. S. Bottle Co., 29 Sherwood Hall, East End Road, London, N.2.

1 CWT. AIRTIGHT TINS IN CASES. Used only once for packing Milk Powder. Fully seamed tin with circular press-in lid, all free from rust. Strong cases slightly soiled externally. Apply CDB/913, London Office of this Paper.

RUBBER Soothers, 6 doz., 30s.; Feeding-bottle Teats, 6 doz., 13s. 6d.; Chrome Leather Finger Stalls, 3 doz., 15s. Guaranteed quality goods. C.W.O. Carriage paid. J. W. Staples, 69 St. John Street, Bridlington.

WE can supply smart 3-piece Powder Boxes with cellophane window, at 36s. per gross; assorted colours. 4-oz. wide-mouthed Bottles, complete with corks, 50s. per gross. Red Sleeve Drums, suitable for Talc, 48s. per gross. Talc Boxes, special powder-tight; assorted shades, 56s. per gross. Samples, 6d. each. All offered subject unsold. Smith, 44 Pedder Street, Morecambe.

FOR SALE (Retailers' Surplus)

7/6 for 36 words or less, 2d. for every additional word.

FOR sale, complete range of Fixtures—Wall, Counter, Floor and Perfume Cases. Counters glass fronted, shop round fixtures, all mahogany; mirrors behind all fixtures and cases; also large Safe. Edwards, 125 Goswell Road, E.C.1.

FOR Sale. 5 lbs. Oil of Lemon (Italian Hand Press also 5 lbs. Oil of Lime (W. Indian Distill Best offers over 65s. per lb. Advertiser requires 26 Bottles. C.D.B./1050, London Office of this Paper

THE Contents of two small Chemist Shops, sto including shop rounds and contents, win carboys, scales, etc. Phone or apply to Bradsh Prescription Service, 46 Roman Road, Bethnal Gre E.2. Phone: Adv. 1436.

SITUATIONS WANTED

None of the advertisements below relates to a woman between 20 30 years unless such woman has living with her a child of her own u the age of 14; or is registered under the Blind Persons Acts; or h Ministry of Labour permit to allow her to obtain employment by indivi effort.

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LOCUMS SEEKING ENGAGEMEN

LADY Dispenser Clerk desires Locum. Doctor Chemist experience. Miss Johnson, 3 Ashl Avenue, Wigan.

WHOLESALE

ADVERTISER disengaged until call-up; experie Cosmetic Manufacture, Business Administrat Stocktaking, requires position London area. 403/ London Office of this Paper.

CHEMIST, B.Sc., with six months' industrial exp ence specialising in Food and Drugs seeks ful part time employment with firm doing organo-chem work, preferably pharmaceuticals. First class re ences. 403/773, London Office of this Paper.

EXECUTIVE, qualified, desires active interest good class Manufacturing/Wholesale conc Unique experience enables advertiser to apply, w effect, sound technical and commercial knowle combined with organising ability. Strict confide guaranteed. 403/775, London Office of this Paper

INDUSTRIAL Chemist, with wide organic resea and manufacturing experience, able to prov new lines in connection with war necessities, se position. 403/762, London Office of this Paper.

MANAGER, Unqualified, desires change. Pres position 20 years. Busy London Store experie London or near. 403/776, London Office of this Pa

PHARMACIST (Swiss qualification), young, v manufacturing and laboratory experience, se position with English House in any suitable capaci has had special commercial and language train Write Roth, 52 Queen Elizabeth's Walk, London, N

TABLET Machine Operator, years of all-ro experience; ex-service man; good referenc age 47 years. CDB/1046, London Office of this Pa

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NORTHERN IRELAND Manufacturing con have facilities for Manufacture, Packing Distribution of Medicinal, Toilet and Veteri Products. For full particulars reply to 403/770, Lon Office of this Paper.

SACCHARIN Tablets—Advertiser who is alre large buyer of full strength Saccharin Tabl wishes to arrange additional contracts to purch tablets in bulk lots of approximately £1,000 mont Replies to 403/771, London Office of this Paper.

BUSINESS WANTED

REQUIRED. Business, South Coast or ne Returns over £2,000 per annum, with good liv accommodation and garden; cash available for q purchase; full details in confidence to 403/759, Lon Office of this Paper.

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